



Summer 2007

## Missouri S&T Magazine Summer 2007

Missouri S&T Marketing and Communications Department

Miner Alumni Association

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# UMR

M A G A Z I N E

A PUBLICATION OF THE MSM-UMR ALUMNI ASSOCIATION

SUMMER 2007 | VOL. 81 NO. 2

30 years of OGS  
pages 14-15



INSPIRE



EXPLORE



DISCOVER



EMPOWER

UMR Launches  
Campaign

Advancing **Excellence**

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# MSM-UMR Alumni Association

Representing nearly 50,000 alumni worldwide

## member benefits

As a graduate of MSM-UMR, you are automatically a member of the MSM-UMR Alumni Association and are entitled to:

### Career Assistance:

UMR's Career Opportunities Center will help you in your job search. Contact Amy Lewis at lewisaj@umr.edu or 573-341-4229.

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Online Community, including searchable directory

Access to alumni office via email (alumni@umr.edu)

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Insurance discounts and offers

Travel opportunities

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University of Missouri-Rolla  
1870 Miner Circle  
Rolla, MO 65409-0650

Phone: 573-341-4145  
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## MSM-UMR Alumni Association Mission and Goals

### MISSION

The association will proactively strive to create an environment – embodying communication with and participation by MSM-UMR alumni and friends – to foster strong loyalty to UMR and growth of the association. The association will increase its financial strength as well as provide aid and support to deserving students, faculty and alumni friends.

### GOALS

- Increase alumni pride in their association with UMR and the MSM-UMR Alumni Association.
- Increase alumni involvement, especially that of young alumni.
- Increase alumni contributions, primarily in the number of alumni making a financial commitment to UMR and the MSM-UMR Alumni Association.
- Strengthen relationships with faculty, staff and students on behalf of the alumni association.

The officers and other members of the association's board of directors provide leadership and actual participation to achieve these goals and fulfill this mission. For their efforts to be a success, they need YOUR active participation as well, in whatever alumni activities you choose.

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**UNIVERSITY OF MISSOURI-ROLLA**  
CHANCELLOR JOHN F. CARNEY III

**MSM-UMR ALUMNI ASSOCIATION**  
PRESIDENT DARLENE (MELOY) RAMSAY, '84

**ASSISTANT VICE PRESIDENT**  
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Marianne Ward  
Alumni Editor

## From the editor

Inspire. Explore. Discover. Empower.

These are four simple words, but together they describe what UMR is known for – excellence. This reputation is a pillar for our new capital campaign, Advancing Excellence.

On April 19, distinguished and involved alumni gathered together to make their mark and celebrate the launch of the public phase of the campaign. For many in the audience, National Campaign Chair Gary Forsee's announcement of an impressive \$200 million campaign came as no surprise. Shared commitment to a single vision – the vision of UMR being one of the top five technological research universities in the nation – has already compelled investors to contribute more than \$115 million for the campus. For those on the leadership

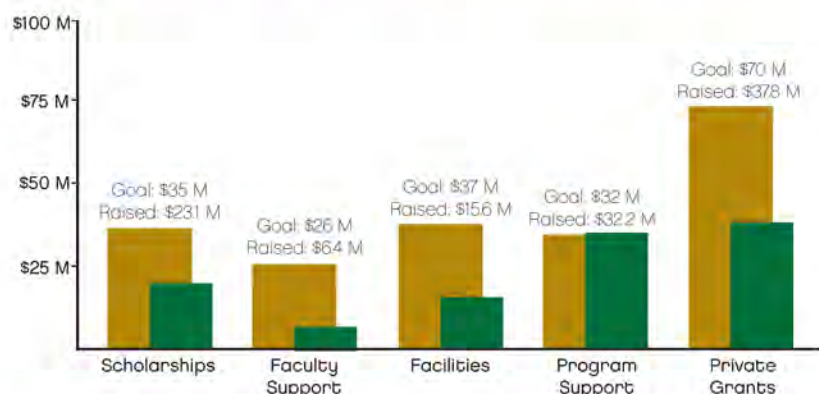
team, the "quiet phase" was the time to ask alumni, friends and corporate leaders to invest in the areas of most importance to the campus, which you will read in the feature article. Every gift propels the future of UMR, soon to be Missouri University of Science and Technology, to a higher level of excellence and prestige.

Even if your hope of making a multi-million dollar gift doesn't match your resources, please know your support, no matter the size, is valued and can make a significant mark, too. In one category, all donors are equal: the participation rate. Regardless of the size or number of gifts, each donor counts just once each year in our participation rate. This number is one by which we are judged. Surveying agencies, such as *U.S. News & World Report*, measure

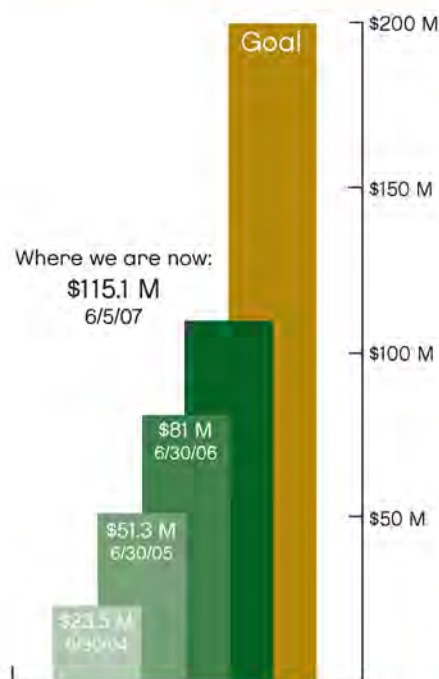
alumni satisfaction by the percentage of alumni who give annually. When you give, surveyors assume you value your degree and alma mater.

During this campaign, we invite you to take time to show your satisfaction with the University of Missouri-Rolla. It is your support that will take us to the next level.

### \$200 million capital campaign breakdown by area



### Campaign progress chart



## It's official: Missouri S&T

In January 2008, UMR will officially become the Missouri University of Science and Technology, or Missouri S&T. The name was approved by the University of Missouri Board of Curators at its April 5-6 meeting at UMR. Learn more and share your thoughts on UMR's Name Change Conversations Blog at [namechange.umr.edu](http://namechange.umr.edu).





Photo by Megan Kean

# David Hill:

## It all starts with an idea

By the time he graduated high school, industrial engineering senior **David Hill** already had his foot in the door of the business world. As a sophomore at Oakville Senior High in St. Louis, he and some friends started a web design company that was successful from the start, thanks to Hill's ability to capitalize on specific customer needs.

"We marketed ourselves via word of mouth and through my employment at CompUSA. I ended up doing numerous wireless network installations for families that were purchasing the technology as it was coming on to the market, and the store hadn't yet implemented support for that... It was a great niche."

Hill began his journey after high school as a computer science major at UMR, but, he says, "I quickly realized that I did not want to spend my days at a computer, programming." Following his interest in business, finance, technology and engineering, Hill decided to pursue a double major in economics/finance and industrial engineering, an emphasis area in UMR's engineering management department.

While David's company, Phusion Design, is still around today, his focus has shifted more to his education, which is, he says, preparing him to take his next step as a full-time industrial engineer when he graduates in December.

After he gains some industry experience, Hill plans to pursue other entrepreneurial paths. An avid stock market tracker, Hill continually studies the dynamics of the business world. He plans to pursue an MBA and says he will always be on the lookout for a business venture. "I always have my ear open for business ideas and opportunities. I will be looking for my next opportunity, whether it is starting my own business, partnering in a business start-up, or just becoming an angel investor (providing capital) for a business."

While Hill has proven himself a leader in business, he is also a leader among his peers, holding campus leadership roles in Pi Kappa Alpha Fraternity; Students Today, Alumni Tomorrow; Engineers Without Borders; Student Council; and the Student Union Board. He is also active in the American Society of Engineering Management and the Institute of Industrial Engineers.

Hill believes being an entrepreneur requires two simple things: an idea and the motivation to see it through.

"I think everyone has the ability to start their own business. I feel a good entrepreneur only needs passion for what he is doing. The financial, business, and other skills can be learned or adopted with effort."



# Say What?

**“Manufacturing has been described as ‘the activities performed to convert stuff into things.’ The book begins by considering the ‘stuff.’”**

- **Ronald Kohser**, professor of materials science and engineering, and co-author of the 10th edition of *Materials and Processes of Manufacturing*.

**“One lesson I definitely learned is that alligators do not take direction well in English or Portuguese.”**

- **James Bogan**, Curators’ Teaching professor of art history and film, on the filming of his documentary, *The Adventures of the Amazon Queen*.

**“Some students are disappointed to find out that they aren’t going to learn all the signs of the zodiac and the constellations in the first two weeks of classes.”**

- physics associate professor **John Schmitt**, describing student reaction to his astronomy course, in the *Ozarks Chronicle*.

**“With respect to developing highly efficient and compact power sources, we can learn lessons from nature. Some examples are the highly efficient flight muscles of birds or insects, or electric fish that can send pulses for navigation or for generating a strong shock to stun prey.”**

- **Fatih Dogan**, professor of materials science and engineering, on the quest to develop revolutionary power sources.

## by the numbers

**\$67.7 million**

Amount raised in UMR’s first-ever capital campaign, the Full Circle Campaign (1995-2000). The campaign goal was \$60 million.

**159**

Number of scholarships created through donations to the Full Circle Campaign.

**15**

Number of endowed faculty positions created through donations to the Full Circle Campaign.

**42**

Percent of alumni who participated in the Full Circle Campaign.

**2,133**

Number of alumni who have given continuously to UMR over the past 10 years. Of those alumni, 360 have given continuously for 25 years or more.

**17,277**

Number of MSM-UMR alumni who gave money to the Full Circle Campaign.





# Advancing Excellence

UMR capital campaign seeks to strengthen campus in key areas

by Mary Helen Stoltz (mhstoltz@umnedu)  
and Lance Feyh (lfeyh@umnedu)

**If there is one common quality among UMR alumni and friends, it's loyalty.**

Take, for instance, **Helen Lasko**. The wife of the late **Edward P. Lasko**, MetE'50, established two scholarships totaling \$100,000 and an estate gift that will add nearly \$2 million more with money she made playing the stock market. But the gift that means the most to her is the \$50 check she sends to the football program every March 17 in honor of Edward's birthday. He played football for the Miners and UMR was important to him. Now it is important to Helen.



photo by Gary T. Tuman/BLACK STAR

Helen Lasko

Helen is one of 360 UMR supporters who have donated money to the university for 25 or more consecutive years. Some of those gifts total millions of dollars. Others, hundreds. All of them are crucial to UMR's success as the campus enters the public phase of its second capital campaign.

Like most fundraising campaigns, "Advancing Excellence: The Campaign for the University of Missouri-Rolla" began with a "quiet" phase. But as UMR Chancellor **John F. Carney III** would say, the university's worst-kept secret is also one of its greatest assets. In just three short years, more than \$115 million has been raised toward the goal of \$200 million by 2010.

As Carney commented at the April 19 campaign launch, "Since our founding in 1870, this university has been one of the world's leaders in preparing young men and young women to solve society's problems. Whether we were known as the Missouri School of Mines and Metallurgy, the University of Missouri-Rolla or, quite often, simply 'Rolla' – we have always had a reputation for excellence." That drive for excellence has been nurtured by the support of the university's friends and alumni – a community that helped UMR's students, faculty and physical campus flourish.

State colleges and universities can no longer rely on state support. Since 2000, state support has dropped from 49 percent of UMR's budget to only 29 percent in 2006. Now, more than ever, private gifts have become essential.





**Pictured from left to right:** Harvest Collier (left), vice provost of undergraduate studies, with chemistry students Kyle Anderson and Kylee Hyzer; UMR's historic emblem; The Havener Center; Craig Adams (right), the John A. and Susan Mathes Chair of Civil Engineering; Tom Holmes, MinE'50, with a few of the Holmes scholars.

Some UMR alumni give of their time. Others give of their knowledge. Many give financially. In an era when state colleges and universities can no longer rely on state support, private gifts have become essential.

The motivation for giving is different for everyone. But at the base of it all is a deeply rooted respect for MSM-UMR, the university that made its mark on so many. Now donors are making their mark on UMR.

## Student support

"It is my hope and dream to give at least one future student an opportunity like you gave me," wrote **Bryan Mather**, ME'05, in a letter of thanks to **Thomas**, MinE'50, and **Joan Holmes**.

Over the past two decades, the Holmeses have helped nearly 20 students from Wilmington, Mass., come to UMR through a scholarship fund they created in 1987. Many of those students had never traveled west of the Mississippi River and they're grateful for the opportunity.

Holmes, a native of Wilmington, understands the value of his UMR degree. "My success is a direct result of my education

*(continued on the next page)*

## Empowering the Fearless

Goal for scholarships: \$35 million  
Amount raised: \$23.1 million

**Stephen W. Rector**, PetE'72, MS PetE'73, got the chance for a college education thanks to scholarships in petroleum engineering. Now, Rector and his wife, **Susan**, are giving that same chance to future generations of Miners through their \$1 million scholarship endowment.



photo by Susan English

Stephen and Susan Rector

UMR needs to attract quality students, to encourage diversity and to recruit students interested in studying biotechnology and other emerging fields. The scholarships established through the Advancing Excellence Campaign will create opportunities for future generations of Miners. Maybe one of them will be the next Miner in space. Maybe one of them will patent an energy-saving device or a life-saving instrument that hasn't even been conceived of yet.

You can't put a value on a UMR education. Just ask former Student Council President **Lauren Huchingson**, MIS'07. "I have learned at UMR that I can do anything I put my mind to," she says, "if I just take chances and be fearless."





Schlumberger Distinguished Professor Reza Zoughi, right, discusses the attributes of Focused millimeter wave imaging systems with Associate Professor Sergiy Kharkivskiy, middle, and graduate student Joseph T. Case.

## Focusing on Faculty

Goal for faculty support: \$26 million  
Amount raised: \$6.4 million

Endowed faculty positions attract top educators and researchers to UMR.

Last year, **John** CE'67, MS CE'68, and **Susan Mathes** matched their previous donation of \$550,000, which created an endowed professorship in 1995.



John and Susan Mathes

The increase boosted the position to a faculty chair, allowing **Craig Adams**, an expert in environmental engineering and the John A. and Susan Mathes Chair of Civil Engineering at UMR, to expand his research and engage more students. Adams directs UMR's Environmental Research Center, where he develops traditional and innovative

ways to treat water and wastewater containing a wide variety of contaminants.

One of the newest named professors at UMR has actually been on campus for a long time. **Kent Peaslee**, PhD MetE'94, who joined the UMR faculty in 1994, was named the F. Kenneth Iverson Chair of Steelmaking Technology this past spring thanks to a \$2 million gift from Nucor, an employer of many UMR graduates.

These are just two examples of investments that help raise UMR's profile among technological research universities.

and experiences as a student in Rolla," he says. "Through this scholarship, we want to give new generations of young men and women from the East a chance to get an education at an outstanding Midwestern university."

Eighty-eight percent of UMR students receive financial assistance in the form of scholarships, grants, loans and work-study jobs. While the average household income of a UMR student is around \$67,000, 38 percent come from families whose total income is \$40,000 or less. Thirty-seven percent of UMR students are the first generation in their family to attend college. Without financial assistance, many of these students wouldn't be at UMR.

UMR's goal is to raise \$35 million for student support. Nearly 60 percent of those funds have been raised during the campaign's quiet phase.

## Faculty support

Physicians use magnetic resonance imaging as a noninvasive way to find very subtle problems in human tissue. Similarly, **Reza Zoughi**, the Schlumberger Distinguished Professor of Electrical and Computer Engineering at UMR, uses microwave and millimeter wave nondestructive testing and evaluation to detect and image flaws in composite structures without destroying them or altering their usefulness. His research has been applied to things like external fuel tank insulating foam on the space shuttle and corrosion under paint in aircraft structures.

UMR faculty are world leaders in transportation, infrastructure, materials, environmental engineering, manufacturing and energy research. They also most directly shape a student's education. They teach a student how to learn, how to think, how to work in teams and how to thrive in an uncertain world. Raising funds for endowed professorships and chairs will help UMR attract faculty who are at the top of their field.

So far, \$6.4 million has been raised toward a faculty support goal of \$26 million. Those funds will allow UMR to establish chairs or professorships in such fields as energy, homeland security and critical infrastructure protection, biomedical engineering, and environmental science and engineering. A portion of the funds will also be used to attract women and minorities to UMR faculty positions and to support other areas of greatest opportunity.



## Facility support

**Gary Havener**, Math'62, returned to campus in 1987 for the dedication of McNutt Hall, which was named for pioneering geologist **Vachel H. McNutt**, MinE'10, MS MinE'12, and funded through an endowment established by his widow. McNutt, who died in 1956, never saw the campus monument built in his name. After the ceremony, Havener decided if he was ever able to do something similar for UMR – he wanted to do it during his lifetime.

The Havener Center, built with funding from a \$5 million gift from Havener, anchors the new entrance to campus and gives students a place to congregate. Across the street is UMR's Residential College, where students participate in "learning communities" that teach them things like entrepreneurship, experiential design and leadership. This fall the second Residential College is scheduled to open.

Future projects on the horizon include the completion of Toomey Hall, UMR's mechanical and aerospace engineering complex. The renovation and expansion began with a \$5 million gift from **John**, ME'49, MS ME'51, and **Mary Toomey** and their family. Improvements to the athletic facilities, construction of biotechnology and student design facilities, improvements in information technology, and laboratory and equipment upgrades are also key to achieving the campus vision.

## Program support

Turning soybeans into environmentally friendly paint, developing a submarine that will plunge into a nuclear reactor's core, studying Martian rocks that might tell us if there is water or even life on the red planet. Projects like these are undertaken by UMR undergraduate students every year through the

*(continued on the next page)*



Construction progresses on the renovation and expansion of Toomey Hall.

## Building a better UMR

Goal for facilities: \$37 million

Amount raised: \$15.6 million

Since the "quiet" phase of the Advancing Excellence Campaign began in 2003, UMR has received one of the largest gifts in its history: \$5 million for the renovation and expansion of the mechanical and aerospace engineering complex, Toomey Hall, from **John**, ME'49, MS ME'51, and **Mary Toomey** and their family, replacing a building built on the UMR campus before the Wright brothers flew.

One of the main goals of the overall campaign is to raise a total of \$37 million for facilities, including athletic and student design facilities. In addition to buildings, the money will be invested in laboratories and much-needed equipment.

Last year, **Robert Brackbill**, MinE'42, and family members decided to give a boost to the petroleum engineering program at UMR by donating funds to establish a technology classroom equipped with laptops, a document camera and "smart" systems.



photo by Preston Moore

John and Mary Toomey and Family



Construction is almost complete on the second Residential College building, which will house 250 students.



Opportunities for Undergraduate Research (OURE) program. The program gives undergrads a chance to roll up their sleeves with real-world projects that most universities only offer to graduate students.

OURE students will benefit from the \$32 million UMR hopes to raise for program support in the capital campaign, but so will K-12 students. UMR now has pre-college summer programs to show students how fun engineering and science can be from as early as the first grade. Students all the way through high school come to campus each year to get a taste of college life, helping us defy the downward national trend in engineering interest (now less than 5 percent of college bound students).

UMR's K-12 outreach got a boost in 2006 from the Ewing Marion Kauffman Foundation, which gave UMR a \$387,000 matching grant to support Project Lead The Way, a program that puts pre-engineering curriculum into high schools and middle schools.

UMR recognizes teamwork both in and outside of the classroom is important for developing students who are well equipped for life after college. That team spirit is the core of the UMR athletic program.

Last fall, former University of Michigan football player **Peter Kinyon** and his wife, **Betty Jane**, showed their support of Miner athletics with a \$250,000 gift to the UMR football program. Although not UMR graduates, they are strong supporters of the program and realize the value sports have in a student's education.

Other programs slated to receive funding include departmental programs, entrepreneurship and management, leadership development, interdisciplinary design and study-abroad programs.

## Make your mark

Whatever their motivation, whatever their background, whatever program they hope to support, MSM-UMR alumni are united by their experiences at Rolla. Alumni tell us UMR made its mark in their lives. Now is your chance to make your mark on UMR. Join us in building upon the foundation of a great university.



Peter and Betty Jane Kinyon

photo by Ian Nance



## A legacy through lectures

Goal for program support: \$32 million  
Amount raised: \$32.2 million

When **Walter**, MetE'23, MS MetE'24, and **Miriam Remmers** said they wanted to bring big names to campus, they weren't kidding. In 1979, Gerald Ford became the first speaker in the Remmers Special Artist/Lecturer Series. The list of those who followed includes Margaret Thatcher, Charles Kuralt, Colin Powell, Lance Armstrong and Wynton Marsalis.

Walter died in 1996 and Miriam passed away in 2006. Fortunately for UMR and Rolla, they have left behind a legacy that will continue to bring the world's most talented and interesting personalities to campus for years to come.

Departments hope to bring top researchers in specific fields of study to campus by raising money to start their own guest lecturer programs.



Walter and Miriam Remmers

**Pictured from top to bottom:** The UMR Football program prepares students to be effective competitors on the field and in the classroom; Trini King, BSci'05, works with Roger Brown, professor of biological sciences, on an OURE project to study boratz-based glasses; Archive photo: Walter (left) and Miriam Remmers pose with former speaker of the house Tip O'Neal.



# Meet the Advancing Excellence leadership team

## National Chair

**Gary Forsee, CE'72,**  
chairman and CEO  
of Sprint Nextel Corp.



Forsee believes alumni can have an invaluable influence on UMR's legacy of educational excellence. "As part of the campaign leadership team and as a member of the Board of Trustees, I believe the ability to help set an agenda for the university based on a wide range of inputs is a critical step in the campaign process. A lot of voices need to be heard and they will be. From that we can in some measure ensure that the future remains bright for this institution."

## Tri-Chairs



**Keith Bailey, ME'64,**  
retired chairman,  
president and CEO  
of the Williams  
Companies

Bailey believes outside support for students is vital. "Costs of education have far outstripped inflation since I was a student and the pressure to raise tuition at dramatic rates continues unabated. The only way it is going to come under control is for the private sector, alumni and others, to help provide supplemental funding through these types of campaigns. With my gifts, I hope to enable students who might not otherwise have the chance to get an engineering degree...and to help the university provide a superior educational and campus experience for those students."



**David Price, CE'68,**  
president and CEO  
of Birdet Price LLC

Price learned to appreciate hard work and commitment early in life and believes in the importance of giving back to a university that helped mold his character. "I was an inner city St. Louis kid, an African American boy who was always on the brink of doubting who I was or what I could become. Thanks to some technical molding at UMR, I was launched into the world with the confidence to tackle any obstacle. I have achieved accolades and credentials, but it is only because a greater number of people helped me and made an investment in me and that requires a return on their investment. I want the students and future engineers at UMR to surpass my accomplishments because they can."



**Gary Havener,**  
Math'62,  
manager of Phazar  
Aerocorp, owner  
of the Maple Leaf  
Companies and  
president of Lake  
Hollow Corp.

Havener believes alumni can help students understand the value of their hard work. "We can lead students to understand what a great asset a technical background can be in enriching their lives intellectually, financially and in other ways. Those of us in this campaign leadership were once simply students like them wearing jeans and sweatshirts, studying and struggling with new concepts we were learning, and wondering if we had enough money to get us through another year."



# Advancing Excellence leadership gifts

Eighteen individuals, corporations or foundations have given gifts of \$1 million or more since the quiet phase of the Advancing Excellence Campaign began in 2003.



**Gary Havener**, Math'62, and his wife, **Judy**, gave \$6.2 million

to support the \$14 million Havener Center. The 100,000-square-foot building houses all student services and gives students a location for activities and large campus events. The Havener's gift also supports the \$29 million Toomey Hall project.



**John**, ME'49, MS ME'51, and **Mary Toomey** of Alexandria, Va., and their family, have

given \$5 million to renovate and expand the UMR mechanical and aerospace engineering complex, renamed Toomey Hall. Toomey is former chair and founder of VSE Corp.

Brothers **Harold S. Block**, EE'44, and **Merlyn Block**, EE'41 left an estate gift of nearly \$3 million to fund engineering student scholarships.



**Gary Forsee**, CE'72, and his wife, **Sherry**, donated \$2 million for scholarships

and faculty programs. Forsee is the chairman and CEO of Sprint Nextel Corp., a leading provider of wireless and wireline communications services.



The Karl and Marjory Hasselmann Estate provides funding every year

(\$2 million in the campaign thus far) for university support. **Karl Hasselmann**, MinE'25, a pioneer in offshore oil exploration, was one of MSM's first entrepreneurs and philanthropists.

**Nucor Corp.** donated \$2 million to endow a chair in the materials science and engineering department. The F. Kenneth Iverson Steelmaking Technology Chair, named in honor of Nucor's founding chairman, will support steelmaking research.



**Richard Swanson**, ChE'62, and his wife, **Ruth**, gave a \$2 million

estate gift. The unrestricted endowment funds will support the chemical and biological engineering department, the MSM-UMR Alumni Association, and the UMR chapter of Swanson's fraternity, Sigma Pi.

**Grainger Foundation Inc.** has given a \$1.6 million gift to provide scholarships to power engineering students. The Grainger Foundation of Lake Forest, Ill., was established in 1949 by Mr. and Mrs. William Wallace Grainger.

**Chevron Corp.** pledged \$1.5 million to establish an educational and research partnership that will help meet the needs of the energy industry. Chevron employs more than 120 UMR graduates.





**Thomas Holmes**, MinE'50, and his wife, **Joan**, gave \$1.4 million

in this campaign to expand their scholarship fund for students from their hometown of Wilmington, Mass. The Thomas A. and Joan A. Holmes Scholarship is a continuation of an endowment that was created two decades ago.



**Donald J. Mathews**, ME'48, left an estate gift totaling \$1.3 million

for scholarships in mechanical and aerospace engineering. Mathews, who died in 2004, retired as a sales executive for Jefferson Smurfit after 31 years with the company and served on the UMR faculty for many years.



**David**, ME'82, and **Melanie Brewer** and family gave \$1.2 million in

support of the extensive renovation of the UMR mechanical engineering complex, now called Toomey Hall. Toomey Hall also houses much of the Center for Aerospace Manufacturing Technologies, a partnership with UMR, the U.S. Air Force and Boeing.

**Caterpillar Foundation** gave a \$1.2 million gift to support engineering scholarships and student programs. The foundation is the philanthropic arm of the Peoria-based Caterpillar Inc., a leading manufacturer of construction and mining equipment and a top employer of UMR graduates.

**John Schork**, MetE'47, and his wife, **Deborah**, gave a \$1.2 million estate gift to help UMR students study abroad. Schork is the retired CEO and chairman of the board of Research-Cottrell Inc. in Bound Brook, N.J.

**The Boeing Co.** has pledged \$1 million to support engineering students, including the new Boeing Scholars Program, women and minority scholarships, and Project Lead The Way, a program to introduce engineering to Missouri's middle and high school students. The largest employer of UMR graduates, Boeing is the world's leading aerospace company and is a global market leader in missile defense, human space flight and launch services.



**Larry**, MinE'73, and **Polly**, EMgt'73, **Hendren** of Columbia, Mo.,

gave a \$1 million estate gift to the MSM-UMR Alumni Association. Their unrestricted gift supports the association's efforts to connect alumni to the campus and to each other by funding student scholarships, student grants, alumni gatherings, faculty and staff recognition programs, and the *UMR Magazine*.



**Fred Kisslinger**, MetE'42, professor emeritus of metallurgical

engineering at UMR, provided a \$1 million estate gift to support metallurgical engineering students and athletics.



**Stephen W. Rector**, PetE'72, MS PetE'73, president, CEO and

co-founder of RIM Operating Inc. located in Englewood, Colo., and his wife, **Susan**, gave \$1 million to fund scholarships for petroleum engineering and geological engineering students.





Campaign Launch:

# \$115 million and counting

On Thursday, April 19, UMR Chancellor **John F. Carney III** announced the launch of the largest capital campaign in the institution's history. Titled "Advancing Excellence: The Campaign for the University of Missouri-Rolla," the goal is to raise \$200 million by June 2010 to achieve the university's vision of becoming a top five technological research university. To date, the effort has raised more than \$115 million for UMR students, programs, faculty and facilities.

"As we embark on the public phase of the Advancing Excellence Campaign, we're also redefining ourselves – by taking on a name that better fits our identity as a leading technological research university," Carney declared, standing in Leach Theatre of Castleman Hall, surrounded by displays illustrating how UMR students, alumni and faculty have made their mark on the university. "Both the new name [Missouri University of Science and Technology] and the capital campaign are critical to our vision of becoming one of the nation's top five technological research universities.

"Without a doubt, one of our greatest strengths as a university is the loyalty our alumni and friends have shown for us throughout the years," he continued. "That commitment is evident in the fact that nearly 20 percent of our alumni donate annually to the university."

**Gary Forsee**, CE'72, Advancing Excellence National Campaign Chair and CEO of Sprint Nextel Corp., joined the chancellor to announce the public launch and provided a brief overview of the campaign's goals.

"Our alumni have become great leaders in business, in science and engineering, in the public sector, in education," Forsee stated. "If we are to continue this tradition of excellence, we must invest in the future."

More than 400 alumni and members of the UMR campus community were on hand to kick off the campaign's public phase, including campaign tri-chair **Gary Havener**, Math'62.



**Above:** The Wyman Elementary School Choir performs "We are the People of the 21st Century" during the launch celebration; **Below (left to right):** UMR Chancellor John F. Carney III greets Jonathan and Catherine Motherwell at the campaign launch; UMR's historic emblem rendered in ice; Ted Weise, EE'67, and Gary Forsee, CE'72.

photos by Bob Phelan/Photomasters





# OGS earns its pearls



Howard Elloe, UMR's first director of development, helped the group pay tribute to some of the Founding members of OGS.

As the Order of the Golden Shillelagh celebrates its 30th anniversary, it's tempting to relive the past and reminisce about how individuals "picked up the shillelagh" to provide financial support for the university. After all, that group of concerned individuals, like a grain of sand to an oyster, supplied the foundation for what became a lustrous organization. The numbers almost speak for themselves. Since its founding in 1977, members of this generous group have:

- *Funded \$42.5 million in scholarships*
- *Donated \$20.1 million for program support*
- *Contributed \$23.1 million to new building construction and renovation*
- *Funded more than \$10.6 million for endowed professorships and chairs*
- *Donated more than \$12.7 million to unrestricted accounts to be used as needed.*

including more than \$13 million in deferred pledges.

That's impressive. But behind these figures are more timeless stories – about leadership, loyalty and sacrifice. Natural pearls, the most elegant and sought-after kind, begin with a disturbance, take years to mature, and maintain their strength and magnificence for centuries. Likewise, OGS was formed after alumni and friends recognized that – without their help – the university would struggle to maintain the high quality of education that has been associated with the school since its beginnings in the 1870s.

As the university embarks on another journey, under a new name, it will again rely on others to come together and add their layer, making the organization stronger and even more precious.

OGS members make a minimum commitment of \$10,000 over five years to the university or the MSM-UMR Alumni Association. These numbers total more than \$109 million in cash and pledges over the last 30 years,



photos by Bob Phelan/Photomasters



**Above Top:** Paul Worsey and seven of his talented students coordinated a magnificent fireworks display for the OGS attendees following the dinner and program; **Above:** UMR Chancellor John F. Carney III (right) and Henry Brown (left) welcome John and Marie Eash into the OGS Family. A total of 13 new members were inducted into OGS on April 21.



OGS members gathered for a social hour prior to the beginning of the formal dinner and banquet, held April 21 in Branson, Mo.



## Show me the research

On April 17, UMR student researchers showed Missouri legislators how glass is being used to strengthen bone tissue, how breakthroughs in chemistry might result in a new method of removing lead from the bloodstream, how nutrients in streams can be monitored more efficiently and why flood plains need to be checked for high levels of salt.

As part of Undergraduate Research Day at the Capitol, the UMR students joined those from the other three University of Missouri campuses to demonstrate how undergraduates are participating in research that is meaningful to Missouri residents. The students were introduced on the House and Senate floors.



Chancellor Carney surprised the undergraduate researchers during their presentations at the Capitol. Here he poses with a majority of the students.

## It's not too late!

From outer space to Earthbound transportation and computers to nuclear engineering, UMR's summer camps give kids a glimpse at fun uses of science and technology. Check the website to see what spots are still available.

[summer.umn.edu](http://summer.umn.edu)

## National champ title goes to UMR

This spring, UMR proved conclusively that it has the best human-powered vehicle team in the nation. The UMR team won the West Coast challenge April 13-15 at NASA's Ames Research Center in California and then won the East Coast challenge (again) May 11-13 in Ocala, Fla.

The two events attracted about 25 university teams each, but the UMR team was dominant.

Human-powered vehicles are recumbent bikes with aerodynamic shells. The bikes can go about 45 mph. During competitions, university teams are judged in sprints, endurance tests, design reports and oral presentations. UMR took first place in all of the categories at the East Coast competition.

The UMR team redesigns its vehicle every year.

Photos and information about the Human-Powered Vehicle Team and about all of UMR's student design teams are available at <http://experiencethis.umn.edu>.



Above top: Jerrod Bouchard (front) won first place in the male sprint at the West Coast challenge. Above: UMR's human-powered vehicle races to victory.



## Lady Muckers win world championship

A team of female students used their skills in 19th century mining techniques to win a world championship in "mucking" at the Intercollegiate Mining Competition March 24 in Tucson, Ariz.

Based on mining techniques used in the late 19th and early 20th centuries, mucking competitions test students' abilities in timed events like gold panning, surveying, hand-mucking, hand-steeling, track-standing, Swede sawing and jackleg drilling.

UMR sent four teams to the competition in Arizona, two men's teams and two women's teams. The women's "A" team beat out Montana Tech for the title. The men's "A" team finished fourth.



The Lady Muckers compete in the Swede saw portion of the Intercollegiate Mining Competition.

## Student dune buggy races in Florida

A team of UMR students designed and built an off-road and off-land vehicle for the Society of Automotive Engineers' Baja East competition, held in Ocala, Fla., in April.

In addition to running their vehicles on a motocross track and through a mud bog, the baja teams were required to equip their "dune buggies" with amphibious properties.

UMR team members solved the floating problem by attaching insulation foam to the bottom of their vehicle. On land, the vehicle is capable of doing about 35 mph.

All of the teams in the competition started with a 10-horsepower engine and "four-wheeler" tires. The key was to design a frame and components that were both flexible enough and sturdy enough to handle an obstacle



The "dune buggy" being tested at Little Prairie Lake near Rolla.

course with mud, dirt moguls and water hazards. While they didn't place among the top teams in the overall competition, the UMR team did win the mud bog event.

## UMR student selected to meet Nobel Laureates

UMR graduate student **Steven Jung** is spending Independence Day with a group of Nobel Prize winners. Jung was selected to participate in the 2007 Meeting of Nobel Laureates and Students in Lindau, Germany.

About 500 students from around the world have been invited to the meeting, which will be held July 1-6. Each year, Nobel Laureates in chemistry, physics, physiology and medicine convene in Lindau to give lectures and meet informally with students and young researchers.

The Laureates lecture on topics of their choice in the mornings and have informal discussions with small groups of students during the afternoons and evenings.

Jung, a graduate student in ceramic engineering, was nominated by the Savannah River National Lab in Aiken, S.C. He worked at the lab last summer as an intern. This summer he's beginning work on his Ph.D. at UMR.

At UMR, Jung is conducting research with **Delbert Day**, Curators' Professor emeritus of ceramic engineering.

Day is internationally known for finding new applications for glass. Among other inventions, he developed tiny radioactive glass beads called Theraspheres that can be injected directly into cancerous areas of the body.

Jung is working with glass materials to build medical scaffolding for use in the regeneration of bone tissue. He is also interested in using glass materials as a method to help contain nuclear waste.

The U.S. Department of Energy and the National Science Foundation are among the organizations that help pay for students to attend the annual event.



## Boeing helps 'lead the way'

The Boeing Co. has donated \$150,000 to UMR's Project Lead The Way (PLTW).

The gift, which applies as a match toward a \$387,000 grant from the Ewing Marion Kauffman Foundation, will help develop and expand the program. PLTW helps introduce engineering to Missouri middle and high schools by focusing on activities and team-based projects that give students the chance to work with their hands and see how math fits into those activities.

## UMR chancellor earns award for roadside safety research

UMR Chancellor **John F. Carney III** received the 2007 Kenneth A. Stonex National Roadside Safety Award from the Transportation Research Board, a part of the National Academy of Sciences, at the Transportation Research Board's 86th Annual Meeting in Washington D.C.

An international expert on impact attenuation devices, Carney holds 10 patents in this area of research and has authored more than 140 technical publications in the structural mechanics area. He designed one of the first truck-mounted attenuators.

Carney also developed reusable, maintenance-free crash cushions that can collapse, dissipate kinetic energy and then regain their original shape. Many of these patented devices can be found lining highways all around the country, including in St. Louis.



## Allada and Schwartz to lead new departments

On June 18, two UMR faculty members filled new positions created as part of UMR's restructuring.



Venkat Allada

**Venkat Allada**, professor of engineering management and systems engineering, became vice provost of graduate studies and **Robert W. Schwartz**, professor and associate chair of materials science and engineering, will become vice provost of academic affairs.

The positions were created as part of an administrative restructuring that eliminated the university's four main academic units: the School of Engineering,

School of Management and Information Systems, School of Materials, Energy and Earth Resources, and the College of Arts and Sciences.

As vice provost for graduate studies, Allada coordinates graduate programs with UMR's academic departments, overseeing graduate fellowship programs, reviewing graduate degree and certificate programs, and developing funding opportunities for graduate programs.



Robert W. Schwartz

A member of the UMR faculty since 1994, Allada also serves as associate chair of engineering management graduate studies and director of UMR's Sustainable Design Laboratory.

As vice provost for academic affairs, Schwartz oversees several academic support functions currently provided by the deans' offices. He coordinates new degree program development, promotion and tenure, new-faculty mentoring, program reviews, and budget management and strategic planning efforts.

A member of the UMR faculty since 2002, Schwartz served as president of the UMR Academic Council from September 2005 to September 2006. He currently chairs the council's Rules, Procedure and Agenda Committee.



# St. Pat's 2007

Led by St. Pat, **Ray Beezley**, and the Queen of Love and Beauty, **Jessica Mueller**, the 99th Annual St. Pat's Celebration featured, among other things, the Anheuser-Busch Clydesdales making their way down Pine Street (freshly painted green, of course) through a March snowfall. That was just one of the sights that made St. Pat's 2007 the best ever. But, believe it or not, plans are already under way to make next year's celebration, the 100th anniversary of St. Pat's in Rolla, even better.



## 2007 St. Pat's Honorary Knights

John F. Carney III  
 Davis R. Haas  
 William S. Jenks III  
 Shelley Klossner  
 Frances "Dee" H. Montgomery  
 William P. Schonberg  
 Gary White, CE'85, MS CE'87



Photos by Bob Phelan/Photomasters



# Brandon Landry



## Life's a marathon, not a sprint

story and photos by John Kean (jkean@umr.edu)

UMR psychology student **Brandon Landry** knows a lot about success. As a varsity football and basketball player, Landry broke every school record at Salesian High School in Fairfield, Calif., and was known as one of the top athletes in Northern California.

"I dedicate a lot of time to athletics," says Landry, who has been a part of the Miner football program since 2004. "I believe that you get what you put in, whether it's with the team, in meetings or working to make myself a better individual. The time and dedication has been worth it for me."

Landry also appreciates the relationships he has formed, saying that it's a bonus of participating in athletics.

"The friendships I have with guys on the team are lasting," he says. "We will share a common bond for the rest of our lives. The biggest strength of our team is our ability to stick together through trying situations."

"For any student athlete, there will be a lot of ups and downs, so understand that college is a marathon and not a sprint," Landry added. "Being able to survive the ups and downs of a season full of emotional highs and lows is a real test of team unity."

Homecoming 2006 brought proof of the Miners' strong bonds. "An ex-player from 50 years ago came into the locker room," Landry says. "He talked to all of us about what kind of program we represented and what it really meant to be a Miner. That made an impact on us."

One of Landry's most memorable moments as a Miner came during his first year at UMR – when he was playing quarterback and led the Miners to an upset victory over nationally-ranked Central Missouri. It was a victory that



came when Landry threw a game-winning touchdown pass to **Phil Shin** with under two minutes to play and started UMR on the road to back-to-back winning seasons.

"I've never had a feeling like that in my life," Landry recalled of the events of that night in October 2004. "I feel like that event propelled the football program to what it is today."

"I don't expect anything different next year," he says. "I think the team can surpass its accomplishments made this past year (when the Miners finished 6-5). My tenure as a Miner may officially be over, but my spirit will continue to live in this program."

As far as Landry's future in football goes, he is still looking to land with a professional team. He participated in a pair of pro days prior to the draft but was not selected. Landry took part in rookie mini-camps with both the Detroit Lions and New York Jets in May and hopes to find himself in a training camp this summer.

Wherever Landry is playing football in his future, he will always have an eye on what is taking place at UMR. After all, he had a part in building the foundation of the recent success.



## Miner swimmers place fourth at NCAA II meet

The UMR swimming team placed fourth at the NCAA Championships in March, its highest result at a national meet since 1998 and its fourth straight top-10 finish. The 12 team members earned a total of 37 All-America honors, 17 of which was based on individual performance, and established nine new school records.

**Matt Hug** broke records in the 200-, 500-, 1,000- and 1,650-yard freestyle events and anchored the 800-yard freestyle relay that came in fourth place.

**Travis Stensby** broke records in the 100-yard butterfly and 100-yard backstroke. He was part of the 400-yard medley relay team with **Kyle Kammer**, **David Calcara** and **Mark Chamberlain** that set a new mark during the meet.

**Matt Adams**, who was part of the 800-freestyle relay team with Hug, Chamberlain and **Andy Shelley**, also broke the oldest standing school record in a non-diving event, breaking the record **Derek Coon**, Phys'86, held for 21 years.

## Taylor named to national all-freshman team

**Justin Taylor**, the freshman point guard for the men's basketball team, has been selected to *Division II Bulletin's* all-freshman team for the 2006-07 season.

Taylor averaged 9.4 points and a team-high 3.1 assists while starting all but one game at the point guard position for the Miners this year. He had the top scoring game of the season with a 27-point effort at Kentucky Wesleyan and owned a 1.1-to-1 assist-to-turnover ratio during the 2006-07 season.

One of 10 freshmen nationwide – and the only one from a Great Lakes Valley Conference school – selected to the squad by the national publication for basketball at the NCAA Division II level, Taylor was named GLVC's "Freshman of the Year" following the season.

## Dierking and McCaskill named all-conference team honorable mention selections

**Nicole Dierking** and **Tamara McCaskill**, the top two scorers on the Lady Miner basketball team, were named to the GLVC all-conference team as honorable mention selections.

McCaskill led the Lady Miners in scoring with an average of 13.6 points per game. She pulled down 5.9 rebounds a contest – second on the Lady Miners to Dierking – while shooting 47.8 percent from the field and 79.8 percent at the free throw line. She also led UMR in blocked shots with 26.

Dierking scored 12.5 points a game and was fourth in the GLVC in rebounding with 7.3 a contest. She was also among the top free throw shooters in the league at 82.4 percent. Dierking went over the 1,000-point mark for her career in January and finished her playing career as a Lady Miner ranked in sixth place all-time for points, rebounds and assists. She was second on the team in assists.

For more on UMR athletics —  
**sports.umr.edu**

## Sports Shorts



### Softball goes to regionals

The Lady Miner softball team earned its first-ever berth to the NCAA Division II Tournament this spring, playing in the Great Lakes Regional at Lewis University in Romeoville, Ill. Watch for information on the Lady Miners' tournament run in the Fall issue of *UMR Magazine*.

### Indoor track and field

The Miners indoor track and field team posted its highest finish ever at the NCAA. UMR participants **Lucas Handley**, **Jordan Henry** and **Tyrone Smith** earned All-America honors.

Handley finished third with a school record-mark of 16-8, which earned him his second All-America award in his third national meet. He finished sixth at the 2006 NCAA Division II Outdoor Championships.

Henry finished seventh overall and received his first All-America award.

Smith, who took fourth in the indoor long jump last March and followed that with a runner-up finish at the NCAA-II outdoor championships, took second place. That tied the highest finish ever for a Miner at the NCAA Indoor Championships with **J.R. Skola**, AE'05, who finished second in the pole vault in the 2003 meet.



## NSF supports UMR CAREERs

Two UMR researchers will receive an estimated \$400,000 apiece during the next five years as part of the National Science Foundation's CAREER program, which supports promising scientists early in their careers. The program recognizes and supports the early career development of teacher-scholars who are most likely to become the academic leaders of the 21st century.

**Chang-Soo Kim** is working to understand the relationship between plant roots and their surrounding environment. His work may help unearth solutions to low crop yields and land pollution.

"The interaction between the plant roots and the surrounding media is the least understood and most challenging aspect of plant research," says Kim, assistant professor of electrical and computer engineering at UMR.

His NSF funding will support Kim's development of "horticulture-on-a-chip," a microsystem that integrates 3-D sensor arrays with a miniature plant growth system. The device will monitor root zone oxygen distribution and could be used in nearly all aspects of root research, including

metabolic engineering, plant stress physiology and plant pathology. If successful, the new microsystem would be a major technological breakthrough for root research efforts.

**Mehdi Ferdowsi** is studying how vehicle fleets could be used to help improve the nation's power grid.

Ferdowsi, assistant professor of electrical and computer engineering, envisions a future where at least 10 percent of the vehicles on the road will be hybrid cars with onboard energy storage units. When they aren't on the road, owners could plug the vehicles into the power grid and their storage units would be used for grid regulation and peak load shaving, a technique that helps stabilize energy prices.

"It has been proven that employing energy storage systems improves the efficiency and reliability of the electric power generation as well as the power train of the vehicles," Ferdowsi explains. "If both the transportation and electric power generation sectors used the same energy storage systems, we could integrate the two and improve the efficiency, fuel economy and reliability of both systems."

## Authors among us

### America's war on drugs examined in 19th century



Today's war on drugs is not the first battle America has fought against addiction. In her new book, *The Opium Debate and Chinese Exclusion Laws*, UMR historian **Diana Ahmad** examines the opium-smoking epidemic of the mid-19th century and finds that Chinese immigrants weren't the problem, as is commonly believed.

Published in March by the University of Nevada Press, the book explains that while China faced its own epidemic of opium addiction in the 19th century, only a very small minority of Chinese immigrants in America were actually involved in the opium business.

### Kohser co-authors engineering textbook



**Ronald Kohser**, professor of metallurgical engineering, is co-author of the recently published 10th edition of *Materials and Processes in Manufacturing*. This marks the 50th anniversary of the textbook, originally written by a University of California-Berkeley professor in 1957.

Kohser became a contributing author during the writing of the fifth edition and has been a full co-author since the publication of the sixth edition. UMR students use the text for core courses in mechanical and metallurgical engineering.

### Neural networking explained in new book



**Jagannathan Sarangapani**, professor of electrical and computer engineering since 2001, is the author of *Neural Network Control of Nonlinear Discrete-Time Systems*, recently published by Taylor and Francis (or CRC Press).

Loosely based on the inner workings of the human brain, a neural network is used in computational science to study and analyze complex phenomena. Sarangapani's book presents modern control techniques, which he bases on the parallelism and adaptive capabilities of biological nervous systems.

Sarangapani has invented several neural network-based techniques to diagnose engine problems.



## Curators approve technology park plan

If all goes as planned, the UMR Golf Course will become a state-of-the-art research and technology park over the next 10 years, complete with green space and walking trails.

In a plan approved by the University of Missouri Board of Curators at its April 5-6 meeting in Rolla, UMR will begin developing plans to convert the 56-acre property into a place that will provide space, access to UMR researchers and facilities, and business support services that help companies transfer knowledge from the university to the marketplace. The research park would also help foster economic development in the region.

Current plans call for developing a comprehensive master plan with broad community input, establishing restrictive covenants to guide future development and creating a marketing and finance plan. These plans will be submitted to the Board of Curators for final approval at a future board meeting.



Preliminary master plan for Research and Technology Park. Note: Lots 1 and 2 will be utilized by the Athletic Department as part of their master plan to upgrade athletic and recreational facilities.

## Naval intelligence, new and improved

Smart ships with power systems that can think and repair themselves sound like something out of a futuristic science-fiction novel. But **Ganesh Kumar Venayagamoorthy** is working to make them a reality for the U.S. Navy.

Funded through a three-year, \$405,000 grant from the Office of Naval Research (ONR), Venayagamoorthy is developing an intelligent all-electric ship power system.

"The all-electric ship power system is not new," explains Venayagamoorthy, associate professor of electrical and computer engineering and the director of UMR's Real-Time Power and Intelligent Systems (RTPIS) Laboratory. "We'll be trying to equip the shipboard's power system with intelligence and self-healing capabilities. During 'fight and hurt operations,' we want the shipboard power system's control and reconfiguration to be autonomous and fast to maximize survivability and operability of the ship."

Venayagamoorthy says his research on the all-electric ship power system could be applied to intelligent, land-based power microgrid systems, which may one day help shoulder the nation's growing need for electricity. Microgrid systems – clusters of small,

distributed sources of energy that serve a group of buildings or a neighborhood – are a new approach to power generation that could provide reliable power without overburdening the nation's aging transmission lines and stressed grid.

"Microgrids are envisioned to be part and parcel of the future intelligent power grid," Venayagamoorthy explains. "Like the shipboard power system, microgrids will require intelligent multi-agents that are based on artificial immune system, swarm intelligence and brain-like intelligence – concepts based on the ideas of approximate dynamic programming (a method of solving multi-stage problems) and reinforcement learning – to maximize reliability."

Venayagamoorthy, one of 33 recipients nationwide who received the 2007 ONR's Young Investigator Award, received an additional \$350,000 from ONR's Defense University Research Instrumentation Program (DURIP), for a total of \$755,000 from ONR. The DURIP funds, and a portion of the ONR YIP award, will be used to enhance the real-time simulation and hardware-in-the-loop capabilities of RTPIS lab.





## The MSM-UMR Alumni Association

represents and serves nearly 50,000 graduates and former students. Today's association carries on the proud tradition of support to UMR by providing aid to campus faculty, staff and students.

## Spring Career Fair

Feb. 20 - The Spring Career Fair held at the Gale Bullman Multi-Purpose Building at UMR was the largest ever with representatives from nearly 230 companies.

*Those attending included: Glen Adams '97; Mark Adams '97; Scott Adams '93; Ralph Agee '81; Robert Ahlers '92; Suzanne Bagley '03, '05; Lindsay Bagnall '76; Bill Baker '84; Chris Barbee '98; Jake Barrows '05; Chris Bell '91; Dave Billingsley '86; Katie Bland '03; Dallas Blasdel '03; Bruce Borcharding '90, '91; Nathan Branham '04, '06; Brad Brueckner '05; Nick Brueggemann '01; Matthew Budd '84; Tim Buel '05; Jacob Buening '04; Jeff Busby; Clayton Calhoun '03; Candice Camp '00; Mike Carlson '99; Reid Catt '05; Davae Collins '05; Frances Collins '05; Dan Cool '99; Tracy Cowan '85; Clayton Cristy '92; Jon Crow '98; Dan Daegling '06; Mary Beth Danuser '06; Brian DeLuca '89; Andrea Dennis '98; Alex DeVries '05; Kyle Dieckmann '05; Patrick Dippel '04; Jeremy Dotson '06; Bronson Eick '04; Mark Eilers '06; Daniel Ellis '99; Darla Ellis '06; John Enger '83; Richard Erickson '80; Jeremy Evans '03; Anne Faeth-Boyd '02, '04; Brett Finnell '05; Mike Fitzhenry '96; Loretta Francis '06; Anja Frauenberger '03; David Glastetter '95; Katherine Glee '05; Robert Graham '05; Keith Gray '99, '01; Amy Hackler '84; Dan Hagen '04; Justin Hall '04; Stephen Hicks '96; Jerica Holtsclaw '00; Joel House '06; Martin Hovland '00; Rabia Hunky; Matthew Huskey '06; Rick Isbell '80; Ed Jantosik '79; Chaz Jaquess '02; Adam Jones '03, '04; Robert Jordan '03, '05; Craig Kaibel '03; Keith Ketcherside '81; Mustafa Kindell '06; Will Kirby; Matt Kisler '01; Mike Knittel '03; Ryan Koenig '02; Ken Kozlowski '83; Clark Lenz '06; Erin Lepper '03, '04; Elizabeth Lewis '06; Rick Licari '04; Dennis Linck '85; John Lindemann '05; Bret Lindsey '99; Eivind Listerud '94; Don Loberg '04; Mark Long '82; Greg Lorenz '03; Tim Lorenz '05; Travis Lynce '96; Kelli Marshall '98; Erik Martel '99; Jeff Martin '96; Amanda McClure '04; Charles McDonald '03; Dave Meyer '85; Allen Moore '86; Ana Mora '03; Matthew Moran '05; Brad Morgan '05; Dale Morse '79; Jim Myers '79; Sara Nelson '99, '04; Mike Nickels '85; Paul Niewald '85; Amy Nunes '02; Travis Odneal '05; Todd Oppeau '94; Jim Palmer '94; Steve Peterson '86; Terry Piskorski '92; Gary Post '03; Matthew Raterman '01; Gary Rauls '70; Joshua Rechten '02; Kelly Riggie '95; Bethany Riley '04; Rodney Riley '89; Scott Riley '05; Elaine Russell (UMR); Robert Rutherford '06; Stephanie Salter '99; Brad Schatz '05; Jeff Shiner '98; Brandon Simrell '06; Reid Stephens '04; Laura Stirnemann '05; William Studyvin '69; Dichelle Taegel '06; Ken Talley '98; April Tan '06; Chris Taylor '96; Don Taylor '73; Gale Towery '74; Jason Trent '04; Jaime Uchtman '99; Jonathan Van Houten '03; Jesse Vance '81; Natalie Vanderspiegel '02, '04; Cassidy Volek '06; David Wade '96; Paul Wakeland '98; Rich Waldschmidt '77; Aaron Whitney '05; Josh Worley '06; J.T. Zakrzewski '98; and Mark Zeien '01.*

## STAT hosts breakfast for alumni

Feb. 20 - The student alumni association, Students Today Alumni Tomorrow (STAT), hosted a breakfast of bagels, cheese and fruit for alumni prior to the Spring Career Fair.

*Those attending included: Lindsay Bagnall '76; Danielle Basile; Belinda Bell '88; Chris Byrd '03; Jarred '01, '03 and Jessica '99, '00 Crouch; Jon Crow '98; Jennifer Elsenraat '06; David Englert; Katherine Fralicx '06; Fio Giana '05; Katherine Glee '05; Khara Hall '99; Mike Hermesmeyer '71; Martin Hovland '00; Will Kirby; Ken Knaga; Jonathan Marburger '03; Shauna Martin; Charles McDonald '03; Mathew Michler '00; Matthew Moran '05; Mandy Pershing; Keith Phelps '96; Steve Puzach; Larry Ragsdale '98; Curtis Robinson '03; Elaine Russell; Tori Seely; Sue Simmons '84; Natalie Vanderspiegel '02, '04; Cassidy Volek '06; Marianne Ward; Lance Weinmann; Dennis Weinrich '71; Bob '62 and Julia Wilson; and Mark Zeien '01.*



## Your input is needed on the MSM-UMR Alumni Association Name Change

Let us know your thoughts on the proposed name change for the MSM-UMR Alumni Association by filling out the survey on page 48 of this issue of UMR Magazine.

## Boeing reception

The Boeing Co. hosted an alumni reception on Jan. 31, in support of UMR's affiliation with Project Lead The Way, a national high school and middle school pre-engineering curriculum designed to attract more young people to careers in technology and engineering. **Chancellor John F. Carney III** also gave a campus update and accepted a donation to the university.



Kevin Martin represents UMR at the capital in Jefferson City.

## Legislative Day 2007

Alumni, faculty, staff, students and friends of UMR attended University of Missouri Legislative Day in Jefferson City on Wednesday, March 16, to talk with legislators about UMR's impact on the state.

Thank you to the following faculty, staff and students who presented displays of UMR's innovative programs and research: Lindsay Bagnall '76, Eric Bohannon '99, Joel Burken, Tim Comerford, Jason Cox, Mariesa Crow, Vicki Gibbons, Ken Gorman, Travis Martin Hernandez, Kevin Martin, John Parfet, Bob Phelan, Darlene Ramsay '84, John Sheffield, Marianne Ward and Barry White; Student Design Team members Steve Griffin, Ryan Meuth, Kerry Poppa, Tim Robillard, Paul Robinette and Nathan Steckel, and job shadow Stevie Tupper.

Thanks also go to the following alumni and parents who visited with legislators on behalf of UMR and UM: Art Baebler '55, Bob Bay '49, John Carter '77, Matt Coco '66, John Eash '79, Neil '56 and Barbara Fiala, Lister Florence '95 and son Caleb, Lawrence George '89, Jarrod Grant '98, Larry '73 and Polly '73 Hendren, Mike Hurst '74, Milton Murry '64, Bob Patterson '54, Gary Penny '84, Veo Peoples '70, Darlene Ramsay '84, Chris Riney '05, Susan Rothschild '74, Randy and Nancy Sell (parents), and Henry Woods '97.

## SME reception

**Feb 27** - Alumni, faculty, students and guests gathered at the Hyatt Regency in Denver for a reception following the 2007 Society of Mining, Metallurgy and Exploration's Annual Exhibition. Thanks goes to Doe Run, the UMR mining and nuclear engineering department, and the MSM-UMR Alumni Association for making this event possible.

*Those attending included Eric Achelpohl '97, '01; Tyler Acord '07; Doug Aholt '03; Rio Amick; Matt Angle '07; Nassib Aouad; Sam Ash '01; Jason Baird '01; Tim Beck '00; Andrew Blair; Genevieve Bodnar '98, '01; Dave Bufalo '66; Dick Bullock '51, '55, '75; John Burst; Terri Bush '99, '03; George Carlstrom '75; Emily Carter; Pietra Check; Ray Chico '59; Joshua Chlopek '06; Robert Copeland; Elaine Cullen; Nathan Davis; Roger Dewey '69, '71; Toni Donovan '07; Don Dwyer '02; Jami (Girard) Dwyer '03; Adam Eatherton; C. Dale Ellifrits '76, '80; Brian Fortelka '96; Samuel Frimpong; Andrew Galvan; Fio Giana '05; Scott Giltner '84; Larry Grayson; Cory Gretlein '01; Randal Hanning '87; Marcia Harris; Lisa Hartman '04; G. Joe Hatfield '73; Shaun Hawk; Charles Hawkins '06; Chad Heitman; Jerry Higgins '75, '80; Alex Hofstetter '07; Charles Hoyt '07; Broadus Jeffcoat-Sacco '07; Mike Jenkins; Rich Johnson '76; Bob Johnston '83; Karen Kent; Adam Kresler '07; Kyle Lampe '04; Randall Lubbert '78; Shannon Lusk '02; Jack Lutz '59; Chi-Kemy Man; Margaret Mettinger; Kimberly Morrison '96; Joe Neumann '07; David Nutakor; Kurt Oakes '85; Kirk Palicki '95; Hansraj Patel '64, '65; Alec Patterson '89; Dick Phelps '96; Mitch Poindexter '97; Crista Reeves; Seth Reeves '07; Tyson Rellergert '07; Jen Rizer; Barbara Robertson; Trish Robertson '99, '05; Dave Rommelmann '70; Bob Roscoe; Nathan Rouse; Elaine Russell; Judy Russell; Brian Sandhaus; Matt Schuck '07; Art Schueizel '70; Oyku Selimoglu; Adam Steimel '03; Tanya Stephan; Graeme Stroker '05; Ted Teske; Amy Van Hook '00; Frank Virant '07; Steve Wampler '71; Joel Warneke '01; Doug Wilson '96; Brenda Wolfe; Nathan Woods '07; Brian Wright '01; Kelly Young '01; and David Zheng.*



# Oktoberfest

HOMECOMING 2007 OCTOBER 16 – 21

## MSM-UMR Alumni Association Annual Awards

You and your guests are invited to help honor the following alumni as they receive prestigious awards on Saturday, Oct. 20, during the MSM-UMR Awards Banquet in St. Pat's Ballroom A & B in the Havener Center. The event begins at 5:45 p.m. with a social hour and dinner is served at 6:30 p.m.

### Frank H. Mackaman Volunteer Service Award

The Frank H. Mackaman Volunteer Service Award is presented to an alumnus/alumna in recognition of his or her volunteer service to the MSM-UMR Alumni Association, the community and the alumni sections.



**Thomas L. Greene**, ME'71, retired manager of trans electronics NA engineering for Ford Motor Co., Livonia, Mich.

### Alumni Achievement

The Alumni Achievement Award is presented in recognition of outstanding personal achievements by alumni in fields of academia, business, professions or civic endeavors.



**Wayne C. Harvey**, CE'69, senior partner and founder of Wayne C. Harvey & Associates, Clayton, Mo.



**Steve C. Mueller**, MetE'69, city administrator for the city of Hermann, Mo.



**Theodore A. Ruppert**, PetE'53, retired owner of Loose Leaf Metals and retired vice president and banking engineer of Chase Manhattan, and creator of Varlen Corp., St. Louis, Mo.



**Kevin C. Skibiski**, CE'75, MS CE'76, associate of Heideman Associates Inc., Springfield, Mo.

### Robert V. Wolf Alumni Service

The Robert V. Wolf Alumni Service Award is presented in memory of Robert V. Wolf, one of MSM-UMR's most dedicated alumni. It recognizes the dedicated service by alumni and friends to the university and the MSM-UMR Alumni Association.



**Doug Hughes**, EE'63, retired research advisor for IIT Research Institute, Ann Arbor, Mich.



**Robert CE'79, Riess**. Robert is president of Sheehan Pipeline Construction Co. in Tulsa, Okla.



**James Michael "Mike" Party**, GGph'78, exploration manager for Wagner & Brown Ltd. of Midland, Texas



**Joan B. Woodard**, Math'73, executive vice president and laboratories deputy director at Sandia National Laboratories in Albuquerque, N.M.



It's time to brush up on your German and dust off those lederhosen – Homecoming 2007 Oktoberfest is coming to UMR Oct. 16-21. We invite you to join us to celebrate anniversaries, accomplishments, friends, family and good times. Aside from the traditional football game, department open houses,



and reunion activities, the celebration will be complete with a beer and soda garden on the grassy knoll outside Havener, German foods and music, an arts and crafts festival and a spectacular fireworks display Friday evening. Join us for Oktoberfest in the Ozarks, your Homecoming 2007!

## Alumni Merit

The Alumni Merit Award is presented to faculty, friends of the campus, or alumni for outstanding achievement or service to the campus or the MSM-UMR Alumni Association.



**James L. Foil**, CE'74, senior vice president of the infrastructure group at Burns & McDonnell Engineering Co. in Kansas City, Mo.



**Vernon R. Lawson**, EE'48, senior vice president of Allgeier Martin & Associates Inc., Joplin, Mo.



**John Lovitt**, MS CSci'70, retired vice president of field operations for IBM/Rational Software, Pleasanton, Calif.



**Geoffrey J. Steinhart**, EMgt'79, vice president of engineering for Anheuser-Busch Companies Inc.

## Distinguished Young Alumnus

The Distinguished Young Alumnus Award is presented to alumni 40 years of age or younger who have demonstrated leadership ability, commitment to the service of others, and a high level of achievement in his or her chosen career or profession.



**Fred Niemeier**, MetE'95, director of strategic sourcing for Danaher Corp., Chicago, Ill.



**Lamont D. Orange**, CSci'93, vice president of enterprise security for Charter Communications, St. Louis, Mo.



**Stanley J. Schultz**, CE'90, president of Schultz & Summers Engineering Inc., Poplar Bluff, Mo.

## Outstanding Student Advisor Award

The MSM-UMR Alumni Association honors four current advisors and recognizes their efforts in assisting students with academic and career decisions.



**Badrul Chowdhury**, professor of electrical and computer engineering



**Cesar Mendoza**, associate professor of civil, architectural and environmental engineering



**F. Scott Miller**, assistant professor of materials science and engineering



**Mike Nelson**, assistant professor of psychology





## Fraternities to celebrate

**Kappa Alpha** will hold its Homecoming banquet at 6 p.m. Saturday, Oct. 20, at the Comfort Suites in Rolla. For more information, contact Adam Hoefer at ajhgxb@umr.edu or call 816-863-7221.

**Lambda Chi Alpha** will hold a banquet in honor of its 100th anniversary during Homecoming.

**Pi Kappa Alpha** plans to hold a dedication ceremony for its new building expansion during Homecoming. The event is tentatively planned for 1 p.m. Saturday, Oct. 20.

**Tau Kappa Epsilon** will hold its 60th anniversary celebration during Homecoming. Details will be forthcoming.

**Triangle Fraternity** is celebrating its 100th anniversary during Homecoming. For more information contact Christopher McGauley at ctm7g2@umr.edu.

## Ham Radio Club to host reunion during Homecoming

The MSM Ham Radio Club members from throughout the years will host a reunion during Homecoming 2007. All members are invited to bring their WOEEE memorabilia and to meet during the Silver & Gold Oktoberfest from 6 to 8:45 p.m. at the Havener Center.

# Oktoberfest

## Thursday, Oct. 18

- 1:30-5 p.m. Academy of Mechanical and Aerospace Engineers Board of Directors meeting, Missouri and Ozark rooms, Havener Center
- 5:30-11:30 p.m. Academy of Mechanical and Aerospace Engineers induction reception and dinner at 6:30 p.m., St. Pat's Ballroom A & B, Havener Center
- 6-9 p.m. Geology and Geophysics Advisory Board reception, banquet and induction ceremony. Emeritus Professor Al Spreng will be honored, McNutt Commons
- 6-9 p.m. Academy of Engineering Management induction banquet, Carver-Turner Room, Havener Center

## Friday, Oct. 19

- 7:30 a.m.-3 p.m. Academy of Mechanical and Aerospace Engineers, Missouri and Ozark rooms, Havener Center
- 8 a.m.-12:30 p.m. Geology and Geophysics Advisory Board meeting. Location to be announced.
- 8 a.m.-3 p.m. Academy of Mechanical and Aerospace Engineers spouses activity; outing and site to be announced.
- 8 a.m.-8 p.m. **HOMECOMING REGISTRATION**, Havener Atrium, first floor, Havener Center – All alumni who return to Rolla should register in the Havener Atrium.
- 8 a.m.-8 p.m. Arts Rolla! will display original art work and photography by area artists in the Havener Center.
- 8 a.m.-4:30 p.m. UMR Archives "Memories" Display, basement, Curtis Laws Wilson Library
- 8 a.m.-4:30 p.m. Corporate Development Council meetings. Meet in the Carver-Turner Room. Small group meetings will be held in the Mark Twain, Burgess and Walnut rooms, Havener Center.
- 8:30 a.m.-noon Academy of Engineering Management business meeting, Room 226 Engineering Management Building
- 8:30-11:30 a.m. UMR Academy of Mines and Metallurgy meeting, St. Pat's Ballroom A, Havener Center. Breakfast, followed by 9 a.m. meeting
- 10 a.m.-noon FCR/Academy of Chemists and Biochemists meeting, MRC Conference Room, Room 201 Materials Research Center, Straumanis Hall
- noon to 1 p.m. Academy of Mechanical and Aerospace Engineers barbecue lunch, bonfire pit on State Street across from the Campus Support Facility
- 1:30 p.m. Oktoberfest course on home-brewing beer, a lecture by Fred Ekstam, lecturer in English and technical communication, Shamrock Room, Havener Center
- 1:30-3 p.m. Psychology Advisory Board meeting, 134 Humanities-Social Sciences Building. Members meet with Robert Montgomery, department chair, at 11:30 a.m. in Room 109, H-SS.
- 2:30 p.m. Afternoon Social for Mechanical and Aerospace Engineering alumni and friends, home of department chair Ashok Midha, 808 Lariat Lane.
- 3-4 p.m. Legislative update for all alumni who are Missouri residents. Guest speaker Jim Snider, UM Government Relations, Meramec and Gasconade rooms, Havener Center.
- 3-4:45 p.m. Molten metal casting demonstration, Foundry in McNutt Hall
- 4-5 p.m. Miner Music Section meeting, Room 138 Castleman Hall
- 4-6 p.m. **ROLLA OUT THE BARREL**  
A beer and soda garden opens on the grassy knoll outside of the Havener Center for alumni, faculty and staff. Beer and soda will be on tap for \$1 per cup. Music and light snacks will be provided. Get your photo taken with your friends and enjoy the casual atmosphere of an outdoor fall afternoon festival in the Ozarks.







# MSM-UMR HOMECOMING 2007 TICKET ORDER FORM

REGISTER ONLINE AT [www.umn.edu/alumni/association/index.html](http://www.umn.edu/alumni/association/index.html) or complete the form below.

## SECTION #1: PERSONAL INFORMATION (Please indicate the names of your guests so appropriate name tags can be created in advance.)

*Name _____	Guest name _____
*Home Address _____	Guest name _____
*City _____ *State _____ *ZIP Code _____	Guest name _____
*Country _____ (If not in the USA)	Guest name _____
*Phone (include area code) _____	Guest name _____
*Email _____	Guest name _____

## SECTION #2: AFFILIATION WITH MSM-UMR

☐ Alumnus/Alumna Grad year \_\_\_\_\_ and major \_\_\_\_\_ ☐ Friend ☐ Parent ☐ Student ☐ Staff/Faculty

## SECTION #3: TICKET ORDER

Please select the NUMBER of tickets you would like for each of the following events:

**Friday, Oct. 19: SILVER & GOLD OKTOBERFEST, 6-8:45 p.m., St. Pat's Grand Ballroom, Havener Center**

The menu includes pulled pork, sausages, sauerkraut, pretzels with cheese. Cash bar will be available.

\_\_\_\_\_ \$17 per person (If you graduated from MSM in 1957 or before, please see the option below)

\_\_\_\_\_ Golden Alumni (those who graduated 1957 and before) select this half-price option \$8.50. (Limit two per Golden Alumni)

**Saturday, Oct. 20: KICK-OFF LUNCH, 11 a.m.-1 p.m., St. Pat's Ballroom, Havener Center. Class photos begin at 11:30 a.m.**

The menu includes chicken parmesan, spiral pasta, garlic bread, green beans almandine, Caesar salad and chocolate layer cake.

\_\_\_\_\_ \$11 per person (Children and Golden Alumni receive a reduced rate. Please see options below.)

\_\_\_\_\_ \$ 5.50 for children ages 7 to 12

\_\_\_\_\_ \$ 5.50 for Golden Alumni (those who graduated in 1957 and before). (Limit two per Golden Alumni)

\_\_\_\_\_ FREE – for children under age 7

**Saturday, Oct. 20: FOOTBALL GAME: MINERS VS. CENTRAL STATE (OHIO), 1 p.m., Allgood-Bailey Stadium**

\_\_\_\_\_ \$5 per person (Children under age 7 and Golden Alumni are free, but please indicate the number you need)

\_\_\_\_\_ FREE – for Golden Alumni (those who graduated in 1957 and before)

\_\_\_\_\_ FREE – for children under age 7

**Saturday, Oct. 20: MSM-UMR AWARDS BANQUET, reception begins at 5:45 p.m.; dinner at 6:30 p.m., St. Pat's Ballroom A & B, Havener Center**

Dinner includes pecan-encrusted tilapia, jaeger schnitzel OR beef tenderloin. Each dinner also will include risotto,

oven-roasted vegetables, petit pain, Thunderbird salad, and for dessert, gourmet cheesecake.

\_\_\_\_\_ \$26 per person for tilapia (If you graduated from MSM in 1957 or before, please see options below.)

\_\_\_\_\_ \$26 per person for jaeger schnitzel (If you graduated from MSM in 1957 or before, please see option below.)

\_\_\_\_\_ \$35 per person for beef tenderloin (If you graduated from MSM in 1957 or before, please see option below.)

\_\_\_\_\_ \$13 per person for tilapia (for Golden Alumni only – limit two per alumni)

\_\_\_\_\_ \$13 per person for jaeger schnitzel (for Golden Alumni only – limit two per alumni)

\_\_\_\_\_ \$17.50 per person for beef tenderloin (for Golden Alumni only – limit two per alumni)

## SECTION #4:

a. Name of the professor(s) you would most like to see during Homecoming: \_\_\_\_\_

b. I have special dietary needs. Please arrange for my meals to be: \_\_\_\_\_ (none if left blank)

c. I will need the following special accommodations: \_\_\_\_\_ (none if left blank)

## SECTION #5: TOTAL AMOUNT DUE: \_\_\_\_\_ (charge this amount due to my credit card)

☐ MasterCard ☐ Visa ☐ American Express ☐ Discover

Credit Card Number: \_\_\_\_\_ Credit Card Expiration Date: Month: \_\_\_\_\_ Year: \_\_\_\_\_

(Please enter credit card number with hyphens or spaces; do NOT enter as one long number.)

Name as it appears on the credit card: \_\_\_\_\_

☐ Check enclosed (make check payable to MSM-UMR Alumni Association)

## FOR MORE INFORMATION:

MSM-UMR Alumni Association • Castleman Hall, UMR • 1870 Miner Circle • Rolla, MO 65409-0650

Email: [alumni@umn.edu](mailto:alumni@umn.edu) • Telephone: 573-341-4145 • Fax: 573-341-4706



## We want your news

Submit your Section News by **July 15** to [alumni@umr.edu](mailto:alumni@umr.edu) for inclusion in the Winter issue.



The Cincinnati-Dayton Section gathers at Valley Vineyards in Morrow, Ohio.



The Turkey Section meets in Istanbul for its second formal section gathering.

### ark-la-tex

**Feb. 17** – Alumni and guests met at Louisiana's best seafood restaurant, Ralph & Kacoo's, for dinner and a meeting in Bossier City. Thanks go to Erin Boren for organizing this event.

*Those attending included Dustin '06 and Stephanie Althoff; Lindsay Bagnall '76; Connie Bauers '02; Phil '48 and Barbara Browning; Helen Bruening; Terry '70 and Sue Buck; Nathaniel '03 and Melissa Huckabay; Louise Patton; and Mike '77 and Debbie Weiss.*

### central ozarks

**Feb. 9** – The Central Ozarks Section hosted a happy hour at Bruno's Pub & Grill. The social hour was followed by a brief meeting to discuss future events, scholarship selection and open officer positions.

*Those attending included Ryan '94 and Carolyn Buschjost; April Evers '96; Jim Finazzo '72; Lewis Fleak '01; Steve Grant '79; Greg Harris; Paul '95, '97, '02 and Julie '99, '00 Hirtz; George Karr '92; Gary '60, '66 and Barbara '61, '65, '85 Patterson; Elaine Russell; Kevin Schwalje '96; Keith '70 and Bobbie Wedge; Allen '91 and Barbara '94, '06 Wilkins; and Bob Wilson '62.*

### cincinnati-dayton

**Nov. 11** – Twenty-four members and guests of the Cincinnati-Dayton Section gathered at Valley Vineyards for wine and New York strip steaks. Afterwards members socialized at the home of Bret and Gina Baldwin. Tom Zenge and Jay Jones relayed scholarship and recruiting news.

*Those attending included Bret '93 and Gina '93 Baldwin; Randy '73 and Rebecca Casteel; Matt '92 and Becky '92 Dunehe; Dale '76, '80 and Kathy Elifrits; Colin Hester '98 and Annemarie Daniel; Richard '94 and Tammy Heyman; Jay Jones '71; Jay Krull '87; Bob '51 and Bev Shields; Steve '02 and Kristy '01 Shiffman; Daniel '93 and Jenny Strong; Bob '70 and Carolyn Wilmesherr; Tom '69 and Judy Zenge.*

**Jan. 11** – Cincinnati-Dayton Section members cheered on the women's and men's Miner basketball teams as they battled the NKU Norse. Despite the cheering section, the Lady Miners lost the game 51-72. Following the women's game, alumni and guests enjoyed an Italian buffet before returning to the court to watch the men play. The men played tough, but they, too, fell to the NKU Norse 73-81.

*Those attending included Lindsay Bagnall '76; Bret '93 and Gina '93 Baldwin with Dakota; Henry '68 and Elizabeth Brown; Matt '92 and Becky '92 Dunehe; with Declan and Aidan; Dale '76, '80 and Kathy Elifrits; Jay Jones '71; John and Linda Rockaway; Bob '70 and Carolyn Wilmesherr; Tom '69 and Judy Zenge.*

### falls of the ohio

**Jan. 13** – Members of the Falls of Ohio Section met in Louisville, Ky., to cheer the Miners as they battled the Bellarmine Knights. Despite a fast start by the Miners, the Knights defeated the Miners 85-72.

*Those attending included Russell Brooks '95; Jeff Dingrando '97; Dirk Gowin '91; Milt Leet '62; Bill Lynn '94; Bob Morfeld '69; Bob O'Brien '54; and Charles Parks '72.*

### turkey

**Nov. 4** – Istanbul-area alumni and friends gathered at Kiliza restaurant for their second official gathering. Thanks go to the UMR international affairs office for sponsoring this event, and to Sehzat Saridereli and Murat Ciftci for their assistance. After sharing a fantastic meal, everyone shared fond memories of UMR. The proposed UMR name change was received with mixed feelings, but all felt there was merit in having a name that clearly reflects the university's mission and focus.

*Those attending included Hakan Butuner '94; Murat Ciftci '98; Yildirim "Bill" and Ferda Omurtag; Sehzat Saridereli '86; Ozge Senoz '02; Oguzhan Yavuz '03; and Melanie Steelman.*



# St. Pat's 2007

The following sections also gathered to celebrate St. Pat's 99th Best Ever:

**Flint Hills** – March 23, Tailgaters Sports Pub & Grill in Topeka, Kan.

**Kansas City** – March 17, Jeremy Estep residence in Greenwood, Mo.

**Pacific NW** – March 9, Cypress Lounge-Westin Bellevue in Bellevue, Wash.

**Twin Cities** – March 13, Claddagh Irish Pub in Maple Grove, Minn.

## air capital

**March 17** – Alumni and guests gathered at Tony '98 and Laura '99 McLaughlin's home for food, drinks and conversation.

*Those attending included Randall '76 and Elizabeth Atkeisson; Keith '03 and Anna '03 (Cook) Gittemeier; Sean Daly '96; Rob Davis '01; Craig Goodloe '04; Ed Hill '87, '94; Jennifer Marshall '96; Travis '99 and Vicky '99 Mattingly with Megan and Kristina; Kevin '03 and Jane McGuire with Kevin III; and Tony '98 and Laura (Bandy) '99 McLaughlin with Annabelle and Lillian.*



The Carolinas Piedmont Section celebrates in Salisbury, N.C.

*Judy Gerhart; Mike '92 and Heather Halbach with Allison and Jake; Bill Knauf '69; Corey Chapman '04 with Amanda Benjamin; Sarah Wansack '98; and Rob Bartelsmeyer '92.*

## central ozarks

**March 17** – Alumni, guests, faculty, staff and students were treated to homemade cinnamon rolls and other breakfast items in the Alumni Lounge before the St. Pat's parade. After the parade, alumni enjoyed hot dogs and soda while listening to a live band.

*Those attending included Logan Bell; Glenn '83 and Mindy '84 Brand; Steven Calvin Jr. '73 '76; Andrew Careaga; Heather '04 and Nate '04 Carriker; Steve Chodrick '82; Waseem Cossor '03; Barbara Sue Crews '80; Curt Elmore '86; Allen Flerlage '98; Dirk '93 and Rebecca '90 Frisbee; Steve Garrett '83; Lawrence George Hon '89; Sara Grondin '05; Ann Hagni '80, '85, '95; Luge Hardman; Karen Harris '00; John and Lisa Kean with Allison and Tyler; Megan Kean; Bob Klein '72; Rick '82 and Donna Kottemann; Stephanie and Todd Martensen; Tom '73, '75 and Janice Mills; Kim Morgan '94; Karl '82 and Gabbie Morrison; Rick Obrien; Brad Parker '04; Tom Parks '82; Bob Phelan; Chris '83, '85 and Darlene '84 Ramsay; Molly Remer '98; Ron Rosner '89; Mark Simecek '94; Bill and Mary Helen '95 Stoltz with Emma; John Stutsman '77; Forrest Swafford '72; Brian Swift '93; Theresa Swift '92, '03; Rob '82 and Mary '82 Telker; Eric*

## austin-san antonio

**March 16** – Alumni and guests celebrated at Fado's Irish Pub in Austin, Texas. Thank you to Nik Jedrzejewski '98 for organizing this event.

*Those attending included Keith '80 and Marci Barton; George Dickinson '80; Mike Giboney '91; Cory '01 and Shelley (Erickson) '00 Gretlein; Katie '88 and Steve '89 Hagen; Dave Huter '99; Don (D.J.) Loberg '04; Ed Hassinger '91; Mark '96 and Samantha (Morris) '96 Munoz; Rick '83, '89 and Rhonda Reinesch; and Tom Zuiss '78.*

## carolinas piedmont

**March 10** – Alumni and friends enjoyed good food and green beer at the Elks Lodge in Salisbury, N.C.

*Those attending included Brian Tenholder '97; Lindsay Bagnall '76; Patrick Martin '81, '84; Gene Langston '50 with Lennie Langston; Richard '57 and Janace Heagler; Bill '61 and*



The Air Capital Section celebrates St. Pat's in Wichita, Kan.



The Austin-San Antonio Section gathers at Fado's Irish Pub in Austin, Texas.



*Theiss; Jon Vaninger '63; Bob '82 and Marilyn '82 Veatch; Kurt Wagner '03; Marianne Ward; Mike Webb '87; Tracy Wilson, Richard Witt '82; and William Ziegler '82.*

## chicago

**March 18** – The Chicago Section gathered at McNally's Traditional Irish Pub in downtown Elmhurst for a night of catching up with old friends and making new ones.

*Those attending included Bill Bishop '71; Dennis '79 and Susan Blake; Laura Dudlice; Steve Dunkmann '72; Randy '83 and Mara Hauser; Stephan Magenta '99; Mike '77 and Sandy Marx; Tommy Mills '02, '07; Robert '71 and Elizabeth Morrison; Parris Ng '00 and Jenny Che; Jonathan Perry '87; Kathy Reynolds '97; Carl '69 and Sue Rowold; and Elizabeth '06 and Daniel Wells.*



The Chicago Section has found a St. Pat's home in McNally's Traditional Irish Pub in Elmhurst.



The Cincinnati-Dayton Section gathers at the Back Porch Saloon in Hamilton, Ohio.

## cincinnati-dayton

**March 17** – The Cincinnati-Dayton Section held its annual St. Pat's Party at the Back Porch Saloon in Hamilton, Ohio.

*Those attending included Bret Baldwin '93; Mike Bland '93; Henry Brown '68; Randy '73 and Rebecca Casteel; Colin Hester '98 and Annemarie Daniel; Christina Madrid '98; Jay Jones '71; Steve '02 and Kristy '01 Shiffman; Bob '70 and Carolyn Wilmesherr; Tom '69 and Judy Zenge.*

## dallas-fort worth

**March 3** – The Dallas-Fort Worth Miners celebrated St. Pat's until the cows came home at Willhoites Restaurant in Grapevine, Texas. Thanks to Bob Villhard for organizing this event.

*Those attending included Beth (Schlapper) Alferink '01, '02; Steven Alferink '00, '01; G.W. Brand '83; Mindy Brand '84; Gary '62 and Judy Havener; Karla (Niehaus) Italiano '00, '01; Fred Kempf '76; Chris Lohman '98; Llonda Bins-Lohman; Frank Minden '72; Nancy (Wehmeyer) Parks '89; Todd Parks '91; Jeff Smith '01; Lloyd Tuggle '58; Robert Villhard '85; and Marianne Ward.*

## enchanted

**March 17** – Alumni and guests gathered at Kelly's Brew Pub in Albuquerque, N.M. Alumni discussed Alice and how much Rolla has evolved over the years. Thank you to Jonathan Van Houten for organizing this event.

*Those in attendance included Geoff '01, '03 and Laura Brennecke; Amy (Szyhowski) '99 and Joel '99 Buckley; Nolan Finch '02; Derek Gaston '04; Josh Jacob '05; John '88 and Rhonda '87 Pautler; Todd Rastorfer '98; Geoff '04 and Karen '05 Reedy; Dan Riley '06; R.D. Freidank '38; Joy Stein '05; Jim Struder; John '71 and Susan Stucker; Jason '04 and Nicole Trent; Jonathan Van Houten '03; and Ben Welch.*



The Falls of the Ohio Section celebrates the 99th Annual Best Ever in Kentucky.

## falls of the ohio

**March 16** – A very relaxed St. Pat's celebration with alumni, wives and friends was held at Bob '69 and Bev Morfeld's home in Kentucky. Thank you to the Morfelds for hosting this event.

*Those attending included Phil Duckworth; Dirk Gowin '91, '98; Gary '71 and Ellen Hamilton; Marvin McKay '74; Bob '69 and Beverly Morfeld; Bob O'Brien '54; Charles Parks '72; Bob '70 and Denise Wesely.*

## houston

**March 19** – The Houston Section held its first St. Pat's Invitational Golf Tournament on Monday, March 19, at the Bay Oaks Country Club in Houston. The event raised more than \$9,000 for the Houston Section Endowed Scholarship Fund.

*Those in attendance were Wendell "Buddy" '73 and Mary Barnes; Ben Bartos; Jeff Buck '77; Eton Burnett; Rick Carpenter; Warren Carroll '59; Claude Carter; Gordon Christman; Brad Eaves; Jeff Fitzgerald; Rudy Garcia; Roy Hearusberger; Bill Heimlich; Jim Ivy '78; Dan Lynch '71; Ed Matuszau; David McAdam; Ranney McDonough '66; Stephen McVeigh '72; David Nicholas; Adam Peterson '98; J.B. Peterson '66; Luke Peterson '92; Eric R. Potts '73; Dustin Qualls; Larry '98 and Elizabeth '00 Ragsdale; Tom Roth '74; Connee Stine '92; Ron Swofford; Nicole Talbot '77; Brian Talley '92; Porter Taylor '66; Fred '74 and Rosa Thompson; Colby Wright; and Elaine Russell.*



## Houston Section St. Pat's Golf Invitational



**1st Place Team:** Eric Potts '73, Roy Hearnberger, Wendell "Buddy" Barnes '73, Jeff Fitzgerald.



**2nd Place Team:** Dustin Qualls, Colby Wright, Ben Bartos, Brad Eaves.



**Closest to the Pin (M):** Brad Eaves



**Closest to the Pin (W):** Rosa Thompson



**Longest Drive (M):** Gordon Christman



**Longest Drive (W):** Connee Stine '92

'99; Wes Merkle '03, '04; Bob '60 and Alice Miller; Karl '82 and Deb Morrison; Les '66 and Linda Stewart; Charles Ward '58; Joe Ward '72; Emily Wehmeyer '97, '00; Richard '70 and Sally Williams; and Elaine Russell.

## lincolInland

**March 18** – On a beautiful Illinois day, alumni and guests gathered at Amanda and Andrew Withers' home for a St. Pat's celebration.

*Those attending included Rich Berning '69; Tom Feger '69; Dan Kerns '74, '79; Mark '68 and Janna Martin; Ed '69 and Anne Midden; Will Sudduth '66; Amanda Winters '01; Brad Winters '01; Amanda '99 and Andrew Withers with Leita and Logan.*

## md-va-dc

**March 10** – The MD-VA-DC Section celebrated St. Patrick's Day with Chancellor John F. Carney III and his wife, Pat, at the Maryland home of Brad Fulton and his fiancée, Peggy Weidner.

*Those attending included Mike Becvar '94, '96; John F. Carney III and Pat; Sara Chiado '01; David '96 and Jodie Dajc with Emilie; Marijo Dimmick '92; Miller '62 and Kathleen Beres Einsel; Lindsay Epstein '06; Bradley Fulton '88; Gary '96, '05, '06 and Kim '97 Greene; Ben Hankins '81; Inhi Hong '67; Alison '98 and Bill Lawrence with Willie; Chris Mayberry '98; Bob '90 and Kathy '90 Phillips with Blake and Ethan; Bob Scanlon '73; Joe Schumer '92; Peggy Weidner; and Frank Woodbury '65.*

## new orleans

**March 24** – Alumni and friends gathered in the French Quarter for the wearing o' the green. Thank you to Steve Young '95 for hosting this event.

*Those attending included Theresa Dowdy '88 and guest; Brian Foerstel '01; Helen Lee; Alan McMahon '00; Jim Pazdera '86; Bill Phelps '66; Kevin Robertson '93; Elaine Russell; and Steve Young '95.*

**March 19** – The Houston Section continued its St. Pat's celebration with a fajita buffet complete with guacamole, sopapillas and green beer at the Bay Oaks Country Club.

*Those in attendance were Wendell "Buddy" '73 and Mary Barnes; Jeff Buck '77; Eton Burnett; Patricia Burnett; Warren Carroll '59; Gordon Christman; Lori Stapp '88 and Tony Crocker; Jeff Fitzgerald; Adil Godiwaller '66; Jeff '02 and Amy Hahn; Bill Heimlich; Russell '59 and Yvonne Herring; Jim '78 and Tammy Ivy; Dan '71 and Wanda Lynch; David McAdam; Ranney '66 and Linda McDonough; Russ Pfeifle '74; Eric R. Potts '73; Larry '98 and Elizabeth '00 Ragsdale; Terry Rowe; Connee Stine '92; Nicole Talbot '77; Fred '74 and Rosa Thompson; Gary Wigginton '68; and Elaine Russell.*

## indianapolis

**March 13** – Sixteen alumni and guests gathered at the Claddagh Irish Pub in Indianapolis to share stories from times at Rolla and St. Pat's past. Thanks to section president Emily Wehmeyer for coordinating this event.

*Those attending included Derek Edwards '98; George '60 and Mary Graves; Ryan Hahn*



The Lincolnland Section shows the "wearing o' the green" in Petersburg, Ill.



The MD-VA-DC Section celebrates St. Pat's with UMR Chancellor John F. Carney III and his wife, Pat, in Maryland.





The New Orleans Section celebrates St. Pat's in the French Quarter.

## ny-nj-ct

**March 11** – Alumni and friends gathered to celebrate St. Pat's in style at the Dublin Pub in Morristown, N.J. Many thanks go out to Helene Hardy Pierce for organizing the event.

*Those attending included Larry Campbell '71; Onur Egemen '65; Genevieve Fabela '00; Paul Griffin '65; Gary Hubbard '94; James Hubbard '64; Herman Mansfield '47; Helene Hardy Pierce '83 and Riley Pierce; Gary Thomas Hon'05 and Barbara Tedesco; and Lindsay Bagnall '76.*

## oklahoma

**March 10** – Nine alumni from the Oklahoma Section gathered at Paddy's Irish Restaurant and Pub for a 99th Best Ever celebration in Tulsa.

*Those attending included Preston Carney '02, '03; JoAnn Causey '92; Matt Gebhardt '02; Kevin Kriewall '82; Amie '98 and Steve '98 Squibb; Darren Thomas '96; Gene Vrenick '79, '82; and Frank Wood '63, '67.*

## peoria

**March 14** – The Peoria section gathered at Kelleher's Irish Pub, where alumni exchanged stories of Alice and other St. Pat's shenanigans. Thanks go to section president Brian Call for organizing this event.

*Those in attendance were Dave '99 and Jill '99 Akers with their daughter; Todd Braddy; John Brown '01, '05; Steve '77 and Janet Burr;*

*Brian Call '97; Jon '66 and Pat Crabtree; Katherine Glee '05; Leon Kirkpatrick; Jason Kwaoz; Elaine Russell; William Strasser '00; Steve Trower '81, '86; and Tony Wilshire.*

## phoenix

**March 2** – Alumni and guests met for the first time in two years at the Grilled Expedition in Phoenix, Ariz.

*Those attending included Becky Akers '84; Dave Akers '82; Samantha Akers; Cheryl Clark '82; Ed Cole '64, '69; Richard Jaquay '63; Andy Nolfo '71; Erica Petty '00; Sam Petty '00; Gene Rand '62; Diana Scanlan; Jim Scanlan '67; Bob Tooke '62; Todd Vierheller '80; and Marianne Ward.*

## portland

**March 10** – Alumni and guests met at the Olive Garden in Lake Oswego, Ore., for a St. Pat's celebration. Everyone enjoyed sharing memories of past years at Rolla.

*Those in attendance included Bill '70, '71, and Bobbie Cannon; Dave '79 and Guiseppa '80 Heineck; Synthia McIntosh '82; Bruce '50 and Geri Miller; Jim Schoeffel '66; Steve Stuckmeyer '96; Bill '58 and Lu DeBoard Walker; and Elaine Russell.*

## rocky mountain

**March 17** – Alumni and guests gathered for some down-home cookin' at the White Fence Farm in Lakewood, Colo. Thanks go out to section president Dave Bufalo for organizing this event.

*Those attending included Dorothy and Larry Babcock; Ed Benn '63; Hugh '53 and Ann Blevins; Dave Bufalo '66 with Cynthia Powers and Linda McIntosh; George '75 and Elaine Carlstrom; Ray '59 and Beverly Chico; Dave '68 and Adrienne Debnier; Roger '69 and Cyndi Dewey; Mike '84 and Tina '83 Dierks; Terry '71 and Karen Donze; Dick Doult '71; Mike '71 and Glenda Ellis; Jack Lutz '59; Robert '65 and Mrs. Oltman; Hansraj '64 and Kashmira Patel; Jerry Plunket '53; John '52 and Pam Priest with their*

*daughter; Marshall Shackelford '76; Marcelo '85 and Vanessa Soto; Mike Steffens '73; Bob '68 and Sylvia Storck; Roger '72 and Lynn Taylor; and Elaine Russell.*

## st. louis

**March 17** – Twenty-three alumni, family and friends attended the downtown St. Louis St. Patrick's Day Parade and continued the celebration at a nearby Imo's Pizza.

*Those attending included Gayle '81 Battas with Kyle; Bethany Binder; Rich '88 and Ally Bradley; Emile '66 and Marie-France Damotte with Martin and Florent; Randy Dreiling '81; Tom Graves '72; Robert '66 and Donna Heider with Katie Logan; Dave Hetlage '83 with Zach; Mel '61 and Sharon Ingram; Roscoe McWilliams '72; Danny Sauerwein; Edward Schneider '42 with Virginia Belville; and Kathy Vieregge.*

## west texas

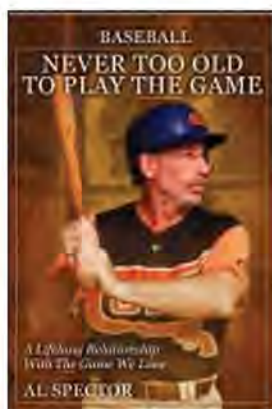
**March 1** – Alumni and guests gathered at Mike Party's home in Midland, Texas, for a St. Pat's celebration that continued well into the night. Many thanks to Mike and Catherine for hosting the event.

*Those attending included Thomas Alleman '96; Gerry Armstrong '58; Peggy Armstrong; Tracy Cowan '85; Gary Gerhard '68; Leah Gerhard; Aurelia Kieffer; Frank Kieffer '66; Don Matson '52; Lou Matson; Sal Pagano '73; Catherine Party; Mike Party '78; Andy Rickard '83; Jack Rose '72, '74; Liz Rose; Scott Wehner '80; Traci Wehner; and Marianne Ward.*



The West Texas Section celebrates in Midland, Texas.





To learn more about this book, visit [www.aaspector.com](http://www.aaspector.com). To order a signed copy from Spector, write him at Al Spector, 10140 Crosier Lane, Cincinnati, Ohio 45242. The book is \$21.45, which includes shipping costs.

## Batter up

When **Alan Spector**, EE'69, graduated, the four-year varsity baseball player hung up his cleats and thought his baseball career was over. But he couldn't have been more wrong.

Just before his 2002 retirement from Procter & Gamble, he was reintroduced to his life-long passion – baseball. Today, at age 61, he still plays 75 games each year in local leagues in Cincinnati, around the country and the world.

In 2007, Spector published a book about his experience. The book, *Baseball: Never Too Old to Play the Game*, is enjoyed by senior players and prospective players alike for its focus on the game in its purest sense. It revisits the game's traditions, the importance of the game to our intergenerational relationships, and the part baseball plays in our culture.

The book is available at national retail outlets, through online booksellers, and directly from Spector (for a signed, personalized copy).

## 1938

**Roland Duane "Friday"**

**Freidank**, CE, turned 90 on Oct. 7, 2006. He is long retired and doing fine in Albuquerque, N.M.

## 1940

**John J. O'Neill Jr.**, ChE: "Irene, a Rolla girl, and I married a month before I graduated. We are still around and healthy. We would love to hear from anyone who remembers us. Best wishes to all our old friends."

## 1941

**Nathan David Jaffe**, MetE: "For fun I lead a walking tour for foreigners 'Geography, Attractions and Indigenous People of Downtown L.A.' Good exercise for the body and mind."

## 1943

**Roy G. Werner**, CerE: "Slowing down in my third career as a breeder of American Saddle Bred Horses, but doing okay. Had a great year fishing in our old friend, the Big Piney River."

## 1944

**J. Richard Hansen**, EE: "Marcy and I are finally established in a wonderful campus-like retirement community in northern Virginia, the Erickson Greenspring Village in Springfield. There are more facilities, amenities, clubs and activities than we have time for. I like the nature trails and the computer and aero clubs. It's a great place to retire."

## 1948

**Roger E. Nowlin**, MetE: "Greetings, especially to all you guys from '48 and the greatest generation. Remember the phrase 'eat your heart out'? Well, it's great to be lucky enough to dive with a beautiful young lady, even if you



**Marking individual milestones with their first sky dives** (above): Roger Nowlin, MetE'48, for his 80th birthday and Elaine Smith for surviving cancer.

are in your 80s. So, to you all: live, love, enjoy this life and never stop trying."

## 1949

**Paul H. Greer**, EE, has seven great grandchildren, four girls and three boys.

## 1950

**Robert W. Buel**, MetE, reports his granddaughter, Laura Buel, is the third generation from his family to attend UMR, joining her father, **Michael Buel**, ME'81. **Robert H. Erskine**, MetE: "Sandie and I viewed Mt. McKinley in September from 15 miles away on a bright sunny day. We are thankful to be active. More golf this year."

## 1951

**C. Dudley Blancke Jr.**, GGph: "Most of me turned 80 last September, but I have several parts that are fairly new. I'm still working with the band and still cooking at a Hud Project and the church for holidays."

**Earl E. Jackson**, MinE: "We spent six weeks in Bolivia with our daughter who is with CARE. We went to the Galapagos Islands for 10 days. I still volunteer for Meals on Wheels and do taxes for AARP."

**Cyril M. Kinane**, MinE, celebrated his 55th wedding anniversary with his wife Jo and 55 years as a Miner. "We are still going strong."

**Elmer D. Packheiser**, ME: "I have been enjoying retirement in my six-acre Cumberland Valley home with my wife, Doris, our horse, Smoky, our dog, Elsie, and two cats."

**Larson E. Wile**, MetE: "At 88, I'm blessed with good health. I keep active in Piedmont Chapter American Foundrymen's Society. I enjoy my Morgan horses and visit my daughter in DeSoto, Mo., about twice a year."

## 1952

**John W. Finklang**, GGph, MS EMgt'71: "Visited Butte, Mont., and Yellowstone Park last summer. There was little mining activity in Butte. Last fall, my health declined and I got rid of my car and am in the process of doing the same with my house. I have six doctors attempting to rehab my frame."

## 1953

**Edward L. Creamer**, Chem, celebrated 10 years of retirement in March 2007.

## 1956

**Wendell L. Haubein**, CerE: "My wife, Georgia, died in June 2006. We had celebrated 50 years of marriage that January."

**Harlan L. Kebel**, MinE: "Marcia and I divide our time between New Bern, N.C., and Maui, Hawaii. I retired in 1998."

## 1957

**Charles R. Weldy**, ME: "Retired and enjoying travel, golf, grandkids and exercise."

## 1958

**Gilbert Starkweather**, MetE: "Still working at Phoenix Heat Treating in Arizona. I hated retirement."



## 1960

**Buddie R. Smith**, MetE: "I had a kidney transplant three years ago and I'm doing great. I get two beers a day and two cigars per week. I play golf three times a week and fish some. In May 2006 I celebrated my 50th wedding anniversary."

**Roy A. Smith**, MetE, MS MetE'63: "I'm an avid mineral collector with a focus on southern Illinois and Colorado minerals. My total resume is in the fairly recent book on UMR graduates."

## 1961

**Robert Saxer**, CE, MS CE'62, retired from AMCEC Inc. in December and volunteers tutoring GED math at a local junior college.

## 1962

**H. Pat Duvall**, Math: "I increased my commitment to tutoring math and physics at South Seattle Community College. I'm looking forward to trips to Maui, Hawaii, and Germany next year."

**Arthur J. Jacobsmeyer**, CE, retired from JS Alberici Constructors Co. Inc. in May 2000. He is now senior director for Jacobsmeyer Maudlin Construction Co. Inc.

## 1963

**Keith R. Honey**, Phys: "Retired in June 2006 after 34 years in higher education – 30 years at West Virginia University Institute of Technology (WVUIT), where I chaired the physics department from 1978 to 2000. I will now spend more time with my three children and 14 grandchildren."

**H. Donald Hurter**, CE: "I retired five years ago from Washington State Department of Transportation and it feels good. I love to travel and play golf. I'm happily married and Lynda and I have three sons and four grandchildren."

**Marvin K. Monday**, EE: "Enjoying retirement!"

**Stanley K. Nodland**, CE: "Retired and enjoying life as much as possible – playing golf, loving family and traveling. Thank you, MSM, for providing me with the education to accomplish all I have over the past 40-plus years."

## 1964

**William Burchill**, MetE, retired in January after 33 years in various nuclear industry positions, followed by four years as department head of nuclear engineering at Texas A&M University. He continues as an adjunct professor at the university. Burchill and his wife, Susan, live in Bryan, Texas. Daughter Cheryl, her husband, and granddaughter Aster Camile live in Providence, R.I., and daughter Michelle and her husband live in New York.

**Stephen D. Ombalski Jr.**, CE: "Last June, Juanita, my wife of 41 years, passed away from cancer."

**Larry L. Parkinson**, MetE, retired as president of Interamerican Zinc Inc. after 42 years. In October, he received The Galvanizers Association annual award. Parkinson and his wife of 42 years, Claudette, have two children and eight grandchildren.

**C. Stephen Perry**, Math: "I completed very successful careers with Washington State and the U.S. Navy, and am now enjoying retirement with my wife, Graziella, and our six children and three grandchildren. It all started at MSM!"

(continued on page 38)



## New century, new challenges

**Farouk El-Baz**, MS Geo'61, PhD Geo'64, has been selected as a member of a National Academy of Engineering (NAE) committee that will identify the top 20 challenges likely to face engineering in the next 100 years.

Chaired by former Defense Secretary William Perry, the Grand Challenges for Engineering Committee will work with scientists, engineers and the general public to gather ideas. The NAE established the 18-member panel last fall. The committee will release a list of challenges in September.

According to the NAE, many great engineering achievements in the past century have become so commonplace that we now take them for granted – from safe drinking water and electricity in much of the world to global travel and communications advances. El-Baz, who directs Boston University's Center for Remote Sensing, believes future challenges will include developing renewable energy sources, combating global warming and expanding space exploration.

Researchers at the Center for Remote Sensing apply techniques of remote sensing and geographic information systems to research in the fields of archeology, geography and geology.

Previously, El-Baz established and directed the Center for Earth and Planetary Studies at the National Air and Space Museum at the Smithsonian Institution in Washington, D.C., was principal investigator for Earth observations and photography on NASA's Apollo-Soyuz Test Project, and was vice president for international development, science and technology at Itek Optical Systems of Lexington, Mass.



**Daniel Jackling**

## Larger than life

In 1926, copper baron **Daniel Jackling**, Chem1892, Met1892, and his wife, Virginia, moved into a 14-bedroom, 17,250-square-foot house near San Francisco. Now the mansion belongs to computer guru Steve Jobs.

Jobs, of Apple Computer fame, purchased the six-acre property for development purposes in 1984. Last year, he filed for permission to demolish the house and several surrounding buildings. But this April, the California Supreme Court ruled in favor of preservationists trying to save the mansion.

After leaving Rolla, Jackling built a fortune by developing a way to extract copper from low-grade ore during a time when electricity was revolutionizing the way people lived. Jackling and his wife, in turn, lived a life of extravagance. They traveled in a private railroad car and had one of the largest yachts on the West Coast.

Jackling died in 1956. But, even if his mansion is torn down, there will still be plenty of evidence that he was larger-than-life. In Utah, where he started his copper mining company, a 9-foot-tall bronze statue of him stands in the rotunda of the state capitol building. Of course, Jackling's legacy also lives on at UMR. While he was alive, he contributed money for Jackling Field and Jackling Gymnasium, and he also sponsored the Jackling Institute, a summer program for high school seniors interested in certain fields of engineering.



## Hendren honored for outstanding service



**Larry Hendren**, MinE'73, was recently honored by the University of Missouri Alliance of Alumni Associations for outstanding service to the

university. Hendren was one of six individuals honored for their service during a ceremony last March.

Hendren is a former member of the UMR Board of Trustees and a past president of the MSM-UMR Alumni Association. He has also chaired the Public Resource Ambassadors, which acts as the alumni association's legislative affairs branch.

Hendren was made an Honorary Knight of St. Patrick in 2005. Larry and his wife, **Polly Hendren**, EMgt'73, are members of the Order of the Golden Shillelagh.

## 1965

**Vibhakar R. Dave**, MS Phys: "My home in New Orleans was spared from the flood by God's grace."

**Robert Madding**, Phys, works for FUR Systems Inc.'s infrared training center and manages the company's training programs, engineering consulting services and applications feasibility studies. In November, his paper discussing new developments in portable infrared camera technology was published in *Hydrocarbon Processing*.

**Jim H. Moore**, ME, CE'66: "After 26 years in Louisiana, we moved to Apex, N.C., where our son is a vice president with BB&T Bank. Glenda received great medical treatment from Duke. I am semi-retired, but still operate my company, Moore Forensic Engineering. I am involved in building damage assessment of buildings destroyed or damaged by Katrina."

**Michael D. Smith**, ME: "My wife, Alpha, and I have become full-time RVers. Last July we took our first long trip, touring the western U.S.A., including Alberta and British Columbia, for three months. It was the experience of a lifetime. We plan on spending winters at the beach and summers in the mountains."

## 1966

**James G. Fox**, MetE: "I retired last summer after teaching high school chemistry and physics for 16 years and working 23 years at Armco Steel Co. in Middletown, Ohio."

## 1967

**Kenneth C. Bollinger**, ME: "Good luck to the Solar Car Team in 2008. I am still working at Bulkmatic Transport Co. as vice president of sales. Fran earned a master's degree and is teaching in the Cobb County school district in Georgia."



**John Wolfe**, EE, MS EE'68, left, joined Adam Aircraft's board of directors as lead director and board

liaison in February. Prior to his 2002 retirement, Wolfe served as chief operating officer for Fairchild Dornier Corp. in Germany.

## 1968

**Bobby T. Cox**, MetE: "In September, we lost our oldest daughter, Bobi Jean. Her passing has left us with a hole in our heart and also our company, as Bobi had been a strong contributor to our growth over the past five years. We will miss her always. Our daughter Teri presented Sandy and I with our third grandchild, Graydy Jean St. John, on Dec. 29."

**Darrell W. Pepper**, ME, MS ME'70, PhD ME'74: "I was appointed to the ASME Board of Government Relations and the board of the Arthur C. Clarke Foundation in 2006. I also sit on the boards of six companies and am secretary of the board of the National Center for Energy Management and Building Technology."

## 1969

**Joseph E. Cowen**, ME: "I was back on campus last July with my granddaughter, Kaci, for Aerospace Camp. She's 10 now; maybe she'll be a Miner some day."

**Walter D. Dietrich**, ME: "I retired from my job as a pilot for UPS Air Group in September 2006. Prior to UPS, I spent 20 years in the U.S. Air Force, retiring in December 1989."

**Subhash G. Kelkar**, MS ME, PhD ME'73, retired from Ford Motor Co. in January after 30 years of service.

**Tom Voss**, EE, was appointed chairman, president and chief information officer of AmerenUE, the Missouri utility operation of Ameren Corp. He retained his chief operating officer position for Ameren Corp.

## 1970

**Richard A. Campen**, ME: "I just celebrated 40 years with Caterpillar Inc. and still enjoy working with the great people there."

**Daniel E. Scott**, MetE, received his 56th patent and published his 25th paper. He received the ASME Silver Patent Award for his contributions to the mechanical petroleum industry.

## 1971

**Robert Moss**, EE: "I retired from the U.S. Army Corps of Engineers - Omaha District in December after 33 years of government service. Linda and I are enjoying having more time to spend with our children and grandchildren."

## 1972

**Steve Biederman**, CE, was promoted to vice president of operations for Walton Construction's St. Louis division.

**Alan L. Bodeman**, CSci: "My son, Colin, is a freshman at UMR majoring in mechanical engineering."

**Hugh W. Harvey**, MinE: "I've worked for Ingersoll Rand for 29 years. I was the Herald in 1972. **Dan Mullen** was St. Pat."

**Merrily Parker**, Psych, just expanded her quilt shop business, Merrily We Quilt Along, to a larger location in Springfield, Mo. Her husband, **Ron Parker**, ME, is chief information officer of Gammill Quilting Machine Co., West Plains, Mo. Merrily and Ron have four grandchildren: Watris, 3; Nadia, 2; Tymon, 1; and Anthony, 2 months.

**Marv Sindel**, ME: "I am still the General Electric Energy account manager for east Florida and would like to hear from old P-Clubber or Lay House alums."



## 1973

**Steven R. Shaw**, PetE, was appointed to the CrossPoint Energy Co. board of directors. **J. Curt Killinger**, Math, MS EMgt'80: "Things continue to 'boom' in the oil patch as Challenger Minerals, my employer for the last six years, will participate in 30 offshore wells this year. We are expanding beyond the Gulf of Mexico and North Sea to more areas where our parent, Global Santa Fe, is actively drilling. Marybeth and I reached 25 years of marriage this year, but still have a college freshman and high school sophomore to keep us working for some time. We will sincerely miss Lambda Chi Alpha brother and oil industry leader **John Warner**, who went to be with the Lord last fall."

## 1974

**Michael J. Kessler**, ChE "Retired from BP Amoco in July 2005. Cindy and I have relocated to Cottleville, Mo., to be closer to family." **Juan F. Mojica**, MetE, MS Phys'74, PhD Phys'75: "I retired in January as the technology director at Nemak Co. in Mexico. The education I received at UMR was a great support during my professional career. My oldest daughter, Maria Helena, was born in Rolla, and, in 2003, my youngest daughter, **Claudia**, received her mechanical engineering degree from UMR. I am very proud to be one of the few UMR students to receive three degrees in four years — thanks, UMR. I hope to attend future homecoming celebrations." **Stephen A. Szymanski**, EMgt, was named general manager, business development, for United States Steel Corp. **James J. White**, CSci, works at Hitachi Data Systems and has two children, Kristen, 18, and Kevin, 13. **Tom Mull**, ME, MS ME'82, and his company, Mull Engineering Group, were selected to provide the engineering services for a new fire house in St. Ann, Mo. One of

Mull's associates is **Charles "Chip" K. Fiedler**, EE'78.

## 1975



**Kevin Skibiski**, CE, MS CE'76, reports that his grandchildren, Jacob, 2, and Julia, 10 months, above, celebrated St. Pat's.



**Bill Wilkerson**, CE, above: "I attended a charity benefit for the Miss Universe Pageant last summer and it was only fitting that Miss Ireland was seated at my table."

## 1976

**Brian Swenty**, CE, PhD CE'89, received the 2006 Exemplary Teacher Award from the University of Evansville.

## 1978

**Rory McCarthy**, GeoE, has two daughters enrolled at UMR and one daughter who just graduated, **Cara**, EMgt'06. **Michael L. Pratt**, CSci: "Our youngest son, **Jason M. Pratt**, EE'06, ECE'06, completed two degrees in four years and maintained a 4.0 GPA. Now, he is working on a graduate degree in electrical engineering, also at UMR."

**David Winter**, CE, was appointed president of GeoEngineers in March. He is responsible for national and international expansion and strategic direction.

## 1979

**Gary J. Pendergrass**, MS CGph, was appointed to Missouri's Air Conservation Commission by Gov. Matt Blunt. He is manager of environmental compliance for Springfield City Utilities.

## 1980

**Paul W. Heilman**, ME, retired from Halliburton last summer after 25 years and is now employed by Ely Energy in Tulsa, Okla. **Mike McEvilly**, CE, MS EMgt'81, joined Helix Energy Solutions as its vice president of capital projects. **Sherris (Ragsdale) Prall**, MS Geol: "I work part time for an environmental consulting firm in northern California. My husband, John, is also a geologist and we have two children, Kimberly, 16, and Jonathan, 13. Hello, Dr. Spreng. I miss you!"

## 1981

**Vince Grelle**, EE, MS EMgt'87: "Looking forward to seeing a lot of green jackets on Pine Street on March 14, 2008." **Jim Charles Hafner**, MinE: "Working for the Doe Run Co. as mine superintendent for Casteel and 29 Mine." **Ronald G. Jones**, EMgt, joined Skanska USA Building Inc. as senior vice president and commercial director of the life sciences group, based in Parsippany, NJ.

## 1982

**Pamela Cole**, PetE, joined Geotechnology Inc.'s Business Development Team. **Joseph Gillardi Jr.**, ME: "Delinda and I celebrated 25 years of

## Beer is in his blood

At 3:30 p.m. every work day, **Greg Suellentrop**, ChE'88, gathers his testing panel in the tasting room at Anheuser-Busch's Merrimack Brewery in New Hampshire. "Everything leads up to 3:30 when we taste beer," Suellentrop recently told the *Nashua* (N.H.) *Telegraph*.

Suellentrop became the resident brewmaster at Merrimack last December. Beer is in his blood. His father and an uncle both worked for Anheuser-Busch in St. Louis. Suellentrop says he chose to major in chemical engineering at UMR because he wanted to pursue a career as a brewer.

At UMR, Suellentrop also played football. After graduation, he was a trainee in Anheuser-Busch's Research Pilot Brewery, where new beers are developed. Later, while working at one of the company's breweries in Florida, Suellentrop earned a master's degree in business administration at the University of South Florida.

## email

**J. Curt Killinger**, Math'73, MS EMgt'80, jkillinger@earthlink.net

**Scott Lemmons**, ChE'83, slemmons@charter.net (home) or lemmonsS@stlouiscity.com (work)

**Merrily Parker**, Psych'72, merrily@merrilywequitalong.com

**Ron Parker**, ME'72, ronparker@gammill.net

**Larry L. Parkinson**, MetE'64, llparkinson@cbpu.com

**Marv Sindel**, ME'72, marvin.sindel@ge.com

**Roy A. Smith**, MetE'60, MS MetE'63, r.smith203@cox.net

Send your email address to —  
alumni@umr.edu

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If you have a story you would like to share with your alma mater, please contact Public Relations at 573-341-4328 or email [news@umr.edu](mailto:news@umr.edu)



UMR's literary magazine *Southwinds* is back and it's better than ever. The 2007 issue, on sale for \$3 (plus shipping), includes writing, art work and photography by UMR students, faculty and alumni. It's the only campus venue for literary and aesthetic work by the campus community.

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wedded bliss last year. We drove our 1960 Chevrolet station wagon to celebrate. Gina will be graduating as a school teacher and Shanna as a radiologist."

**Robert E. Metz Jr., ME:** "Still enjoying Wooster, Ohio, and the J.M. Smucker Co. Nancy still puts up with me. Jason is a junior at Ashland University studying business and Sarah is a junior in high school. Best regards to my fellow Miners."

**Steven Parks, EMgt,** received the Special Ambassador Award from the St. Louis Special School District. He is the diversity specialist for Ameren.



**Rodney Robins, EE, left,** joined Burns & McDonnell as a senior structural engineer.

**Warren Zeller, GeoE,** and his wife, Bernie, bought 50 percent interest in TD Scuba in Lee's Summit, Mo., in January 2006.

## 1983

**Mark Allen Cook, CE:** "Working on three projects in the north Florida area, doing roadway and bridge construction management. In my spare time, I still run and train for half marathons."

**Paul A. Lang, MS MinE,** was elected by Arch Coal Inc.'s board of directors as senior vice president of operations.

**Scott Lemmons, ChE:** "I just joined the City of St. Louis as an air pollution engineer in air pollution control. I am working in the permitting section. As someone who just finished an unplanned job search, I am willing to network with any fellow UMR grads."

## 1984

**Sheryl D. Hull, CE:** "Our eldest daughter, Carla, graduated from Clinton High School last year. She is studying nursing at the University of Central Missouri in Warrensburg."

**Earl A. Ruth, EMch,** was named to the board of directors of ASTM International.

**James M. Stratton, MinE,** suffered a minor stroke in August, but, quoting Mark Twain, states, "the news of my demise is greatly exaggerated." Fortunately, he has suffered no lasting affects and went skiing last Christmas. Prior to his stroke, Stratton and his wife enjoyed a three-week vacation to Europe, including Denmark, Germany, and the French Alps.

**Robert J. Weir, AE, MS AE'85:** "I'm still with Sandia National Laboratories in Albuquerque, N.M., and am still married to the same wonderful woman. My son and daughter are both in high school and neither is interested in engineering. I guess I'm not much of a spokesman. One wants to go to Mizzou to be a veterinarian. One of these days I'll have to see how the campus has changed."

## 1985

**C. John Brannon, Phys, CerE, Psych'86, MS CerE'86, PhD CerE'89,** joined Sommer Barnard PC as a director/shareholder and is a member of the firm's Intellectual Property Group.

## 1986

**James "Dan" Arthur, PetE:** "I am still enjoying Tulsa with my wife, **Joan (Maruska) Arthur, ChE'84,** and our two children, Teresa, 14, and Daniel, 12. We just moved our business, ALL Consulting, to an old 1917 house built when the Glenpool oilfield was booming here and it's turning out to be great for our firm. One of my partners is **Mark Layne, PetE'85, MS PetE'87, PhD PetE'96.** Our firm has grown to 35 people since 1999. We have been extremely active in the Rocky Mountain states and this spring, headed to China on a U.S. Department of Energy project. If you come through Tulsa, be sure to look us up."

**Keith Hinkebein, CE, MS EMgt'95,** was promoted to

Central Division Operations officer for HNTB Corp.

**Bruce Raymond Yoder, MinE:** "Life is passing by very fast. My kids are in college, and I'm working in offshore oil and gas construction around the world."

## 1987

**John Kerley, EE, and Sheri (Wayman) Kerley, Econ'89,** live in the woods outside of Colorado Springs, Colo., where John works for Maxim Integrated Products. They have two boys, Matt, 7, and Kyle, 4, and enjoy camping, hiking and fishing.

**Linda Tutko, MetE:** "My daughter, Megan, and I are enjoying life in San Antonio, Texas. I'm now a lieutenant colonel in the U.S. Air Force and am responsible for the evaluation programs at the Air Force Personnel Center."

**Richard Thomas Bradley, CE,** was promoted to assistant airport director for planning and engineering at Lambert International Airport in St. Louis.

## 1988

**S. Cary Dunston, EMgt,** was profiled in the financial section of *The Washington Post* in December. Dunston is senior vice president, manufacturing and logistics, of American Woodmark, a supplier of cabinetry for the new-home construction and remodeling industries.

## 1989

**Tina Gaines, EE,** was promoted to director of telecommunications for Empire District Electric Co. in Springfield, Mo.

**Michael D. Montgomery, CE,** was named associate in Husch & Eppenger's St. Louis office.

**John Pope, Phys,** is the founder and chief technology officer of WellDog Inc. His paper discussing advanced reservoir characterization down-hole spectroscopy was published in *World Oil* in November.



**Anthony G. Smith, AE, ME,** was promoted to chief engineer of T-1A Jayhawk operations at Wright-Patterson Air Force Base in Dayton, Ohio.

## 1990

**Timothy J. Dickinson, AE:** "We are living in Washington, D.C., now – call if you're in the area, 703-455-6350. Lanna, our three children, and I are doing well."

**Robert Enyard, EE,** a licensed patent attorney, joined the St. Louis firm of Polsinelli Shalton Welte Suelthaus PC in its science and technology group.

**Winston Erevelles, MS EMgt,** PhD EMgt'92, was appointed secretary of the Society of Manufacturing Engineering (SME) Education Foundation.

**Gary Joseph "Joe" Hatfield, MinE,** took early retirement after 32 years at Peabody Energy. He is now enjoying a second career as director of purchasing for Mississippi Lime Co. in Ste. Genevieve, Mo.

**Kenneth Bard Rigsby, MinE:** "Missy and I have finally come back 'home' (southern Indiana at least). I'm helping develop a 5MM TYPY coal mine near Vincennes, Ind. It is great to hear about everything going on in the mining department."



**Breck Washam, ME,** left, was recently named general manager of Burns and

McDonnell's St. Louis area operations. Washam was named Young Engineer of the Year in Missouri in 2002.

## 1991

**Daniel Raiford Wilson, CerE,** MS CerE'94, accepted a position as technical sales manager for UK-based Hardide Coatings Inc.'s new plant in Houston.

## 1992

**Vick Agarwal, EE, MS EMgt'94:** "I am working in a 6 Sigma Master

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# weddings

If you would like a wedding announcement published, please email it to: [alumni@umr.edu](mailto:alumni@umr.edu)

**Timothy J. Alfermann, ME'01,** married Julie Kristin Peoples on Nov. 25, 2006.

**Laura E. Brave, CSci'98,** married Carlo Odicino on Nov. 24, 2006. Laura is the daughter of **Philip Brave, ME'67, MS EMgt'72.** The couple lives in Orange County, Calif.

**Kevin Dairaghi, EMgt'03,** married Camille Elizabeth Machiran on Sept. 9, 2006. The couple lives in Asheville, N.C.

**Jonathan Danieley, CSci'99,** and **Rosanna "Anna" Saindon, GeoE'99, MS GeoE'01,** PhD GeoE'04, were married on Oct. 28, 2006. The couple lives in St. Louis.

**Deborah M. Hummel, GeoE'98,** married Dylan K. Newman on May 28, 2005. Both are captains in the U.S. Air Force stationed outside of Cambridge, England.

**Karen Klemme, ChE'96,** married Chris McDonald in June 2006. The couple lives in Houston.

**Michael James McCoy, MetE'01,** married Kristen Fagen on July 23, 2005.

**Karla Marie Niehaus, EMgt'00, MS EMgt'02,** married Pasquale Italiano on July 8, 2006. The couple lives in Arlington, Texas.

**Kenneth I. Pendleton, MetE'60,** married Linda Jacobsen on June 17, 2006.

**Christopher Scott Pundmann, ChE'97,** married Mary Ann Samek on Sept. 9, 2006. The couple lives in Dallas.

**Timothy Andrew Robert, ChE'04,** and **Jessica Marie McCord, ChE'04,** were married on June 3, 2006. The couple lives in Fenton, Mo.

**Nicholas P. Rudanovich, MinE'04,** married Sandra Salamone on July 30, 2005. The couple lives in Ft. Lauderdale, Fla.

**Michael T. Tobias, MS EMgt'05,** married Nana Jolokhava on Oct. 14, 2006. The couple lives in Seoul, Korea.



Dylan and Deborah (Hummel) Newman



Karla (Niehaus) and Pasquale Italiano



Jessica (McCord) and Timothy Robert



Nana (Jolokhava) and Michael Tobias





## Uncommon valor

**Philip Waggoner**, EMgt 2003, has already received two Bronze Stars for his service in Iraq, but he's been recommended for other awards. And with good reason. Waggoner, a Jefferson City native, has been cited for subduing an enemy combatant, securing a critical route through a kill zone after an improvised explosive device attack and taking on heavy fire to retrieve a wounded Iraqi soldier.

Waggoner serves in the 506th infantry battalion, which has received more total awards for valor than any other in its brigade. The 506th is the modern day "Band of Brothers," the same unit featured in a popular HBO series.

At UMR, Waggoner participated in the Army's ROTC program.

Black Belt position with Microsoft Corp. in the Corporate Business Excellence Team in Redmond, Wash. The whole family has moved out and we are looking forward to enjoying time here in the Pacific Northwest."

**Jeff Stapleton**, MS CSci, was appointed chief technical officer of Innové LLC in 2006.

**Mike Uhrig**, CE, joined Brinkmann Constructors as a project manager.

**Jeffrey Paul Waller**, ME, works in design-build and sales for Air Masters, a full-service HVAC contractor in Fenton, Mo. He and his wife, Laura, have two children, Rebecca, 12, and Jacob, 10. Waller is active in the St. Louis Chapter of ASHRAE.

## 1993

**Roger Stewart Protzman**, GeoE: "Tricia and I have kids and I am branch manager at JEO Consulting Group Inc. in Norfolk, Neb."

## 1994

**Tracy E. Miller**, ChE: "Taking a break from engineering to be home with our two boys, Jackson and Jamison."

**James Richard Uehling**, ME: "My wife, Lori, and I live in South Carolina with our three children, Ryan and twins, Ella and Maggie."

## 1995

**Rebecca (Light) Fiechtel**, EE: "Jim (Fiechtel, Life'96) and I moved to Brentwood, Tenn., in February 2006. Jim is a faculty emergency medicine physician with Vanderbilt Medical Center and I'm staying home with William, 4, and Patrick, 1."



**Joseph B. Skiljan**, ME, left, was promoted to operating group manager at Murphy Co.

## 1996

**Paul Craven**, MS CSci, is a computer science instructor at Simpson College in Idaho. He is working on his Ph.D. through the University of Idaho.

**Gary Greene**, CE, MS CE'05, received his Ph.D. in civil engineering from UMR in December 2006.

**Christy (Worrell) Lee**, CE, MS CE'98, was selected one of the Peoria, Ill., area's "40 Leaders Under Forty" for 2006. She is an engineering supervisor for Caterpillar Inc.

**Karen (Klemme) McDonald**, ChE, is a project manager for Maverick Technologies in Houston.

## 1997

**Thomas Wagner**, ChE, joined Burns & McDonnell as a senior chemical engineer.

**Matthew Houser**, EMgt, builds bridge systems for Contech Construction Products Inc. in the St. Louis area.

**Scott Steve Preston**, CE, MS EMgt'02, was promoted to major in the U.S. Army and earned his professional engineer registration.

## 1998

**William L. Niemann**, GeoE, PhD GeoE'99: "I've been helping develop an engineering and environmental geology emphasis at Marshall University since 2004."

**Michael Neuner**, EMgt, joined Walton Construction as a lead estimator.

**Dustin Olson**, ChE: "I am still working for Lyondell Chemical in Houston, but I recently accepted a position in the Rotterdam, Holland, office. I am supporting the propylene oxide business through our Operations Planning Group. The assignment began in February 2007. I've been happily married to Amanda for five years and we just had our first child."

**Amie Marie (Wood) Squibb**, MSys: "Steve (Squibb, ME'98) and I received MBAs at Oklahoma State in December 2005. I was diagnosed with sarcoma, a rare soft tissue cancer, in April 2006. After chemo, radiation, and surgery at MD Anderson in Houston, the cancer is gone and we are learning to live as survivors."

## 1999

**Andrew Potthast**, CE, joined HNTB Corp.'s St. Louis highway design department as a project engineer.

**Jennifer Smith**, ChE, has joined Burns & McDonnell as an environmental engineer.

## 2000

**Jonathan Derner**, CE, MS CE'01, joined Horner & Shifrin as a design engineer in the structural department of the firm's St. Louis office.

## 2001

**Jesse Jonas**, CE, joined SCL's construction services group as a staff engineer in the St. Louis office.

**Mike Krasche**, CSci, lives and works in Denver, Colo. In 2004, he received a master's degree in computer science from the University of Colorado-Denver.

## 2002

**P. Bryan Chinn**, CE, received his professional engineer registration and works for Terracon in Lenexa, Kan., as a project manager in the construction materials engineering and testing department.

**Julie Davenport**, MS Math, teaches high school math in Richland, Mo.

**Nick Edelman**, CE, was appointed city engineer of Osage Beach, Mo.



# future miners

## 2003

**Justin Howard Bechtel**, CerE, joined Ceradyne Advanced Technical Ceramics in Lexington, Ky, as a ceramic process engineer.



**D. Kendrick Latham**, CE, *left*, was promoted to project manager at Brinkmann Constructors.

## 2004

**Nicholas P. Rudanovich**, MinE, is a mining engineer for White Rock Quarries in Ft. Lauderdale, Fla.

## 2005

**Brad Brueckner**, CE, joined HNTB Corp.'s St. Louis highway design department as a project engineer.  
**Kyle Darnell**, CE, joined ARCO Construction Co. as a project manager.

**Adam Siburt**, CE, joined Brinkmann Constructors as a project engineer.

**Michael Toecker**, ECE, has joined Burns & McDonnell's cyber security division as a security analyst.

## 2006

**Matthew Funk**, ArchE, joined Brinkmann Constructors as a project engineer.

**Jeremiah King**, CE, joined Brinkmann Constructors as a project engineer.

**Tina Pankey**, BioS, ChE, accepted a position with Proctor and Gamble in Cincinnati.

**Candice Wilburn**, Psych, completed a 22-week basic law enforcement course at the Kansas Highway Patrol's Training Academy in Salina, and has been assigned to Johnson and Wyandotte counties in Kansas.

**Thomas Allen Alleman**, ME'96, and his wife, Jill, had a boy, Connor Allen, on Sept. 21, 2006.

**Craig Buehler**, EMgt'00, and **Sarah Vehige**, CerE'99, had a boy, Luke Alexander, in June 2006. He joins brother Beau Allen.

**Samuel Erter**, EE'97, and **Shawwna (Morris) Erter**, GeoE'00, had a girl, Ashlyn Corin, on Oct. 27, 2006.



**Thomas Evers**, CE'99, and his wife, Sara, had a girl, Abigail Marie, on May 20, 2006.



**Jim Fiechtl**, LSci'96, and **Rebecca (Light) Fiechtl**, EE'95, had a boy, Patrick Charles, on Oct. 18, 2005. He joins brother William, 4.

**Adam Keith Hunt**, ChE'02, and his wife, Stephanie, had a boy, Alexander Keith, on July 19, 2006.



**Kara (Krueger) Ketcherside**, EMgt'94, and her husband, Christian, had a boy, Alexander Christian, on Dec. 5, 2006. His aunt is **Debra (Krueger) Tillman**, EMgt'82.



**Sandra (Todd) Kusterer**, ChE'94, and her husband, Paul, adopted Liana Hope, 2, from China. Liana joins sister Megan, 8, and brothers Josh, 6, and Eric, 4.

**Teddy Leroy Martin**, ME'96, had a daughter, Mary McCoy, on March 22, 2006.



**Kimberly (Finke) Morrison**, GeoE'96, and her husband, Eric, had a girl, Kendall Joy, on Sept. 10, 2006. She joins brother Evan Patrick, 2.



**Dustin Olson**, ChE'98, and his wife, Amanda, had a boy, Jacob Tate, on Oct. 6, 2007.



**Mario Ray Jr.**, ME'98, and **Stacy (McNeil) Ray**, ME'98, had a boy, Aidan

Michael, on Dec. 9, 2006.

**Brian David Richardson**, NucE'96, and his wife, Lori, had a boy, Caleb Joseph, on Oct. 6, 2006.

**Ryan Stecher**, ME'04, and **Andrea Hona**, EE'05, had a boy, Liam Foster, on Nov. 25, 2006. His great uncle is **Ken Stecher**, CE'94.

**Frederick Lee Thomas**, ME'91, and his wife, Stacey, had a boy, Benjamin Edward, on July 1, 2005. He joins brother Caleb.

**Scott Lee Volner**, MetE'83, MS MetE'84, PhD MetE'94, and his wife, Cathy, had a girl, Caroline Grace, on May 19, 2006.



**Erwin Wardojo**, EE'98, and his wife, Amanda, had a girl, Allison Jane, on Aug. 16, 2006.



**Keith Webb**, ME'92, and his wife, Stacy, had a girl, Hailey Jewell, on Oct. 22, 2006.

**David Weiman**, ME'01, and **Alicia (Klumsmeier) Weiman**, CE'00, had a girl, Ava Isabelle, on April 7, 2006. She joins brother Ethan, 2.



**Wesley L. Wexell**, CSci'97, and **Susan Heide-Wexell**, NDD'96, had a boy, Ryan Heide, on Feb. 22, 2006. He joins sister Kate, 2.

**Jonathan E. Winter**, ChE'96, and his wife, Crystal, had a girl, Lydia, in July 2005. She joins brother Elijah.

If you have a birth announcement or a photo of your new little Miner, send it to us and we'll publish it in an upcoming issue. Email: [alumni@umr.edu](mailto:alumni@umr.edu)



## policy for publishing in UMR Magazine

- We are happy to announce weddings, births and promotions, after they have occurred.
- We will mention a spouse's name if it is specifically mentioned in the information provided by the alumnus/alumna.
- The *UMR Magazine* will announce deaths, if information is submitted by an immediate family member, or from a newspaper obituary. Notification of deaths that have occurred more than two years before the date of publication will not be published unless a special request is made by a family member.
- Obituary information on alumni spouses will be printed only if the alumnus/alumna specifically requests that we print it.
- We will print addresses if specifically requested to do so by the alumnus/alumna submitting the note.
- We reserve the right to edit alumni notes to meet space requirements.
- We will use submitted photos as space permits.

### 1930

**Dennis H. Miller**, CE, was a member of Triangle, captain of the basketball team and 1929 class president while attending MSM-UMR. He retired from Southwestern Bell in 1993.  
†Dec. 15, 2006

### 1932



**Frederick G. Wilson**, EE, was a member of the Army ROTC, the track team and the MSM band while attending MSM-

UMR. He served in the U.S. Army from 1932 through 1946, attaining the rank of lieutenant colonel and earning two Battle Stars. Mr. Wilson worked in artillery and ammunition development and acquisition at Frankford Arsenal in Philadelphia and was awarded the U.S. Army Ordinance Order of Samuel Sharpe. In 1972, he retired to Arizona and remained very active in community affairs.  
†Feb. 16, 2007

### 1934



**Richard J. "Dobby" Dobson**, MinE, was a member of Sigma Nu and the Wesley Foundation while attending MSM-

UMR. He served in the U.S. Navy during World War II. Mr. Dobson retired in 1967 after 32 years with Shell Oil Co., working in Texas, Holland, Indonesia and New York. He and his wife enjoyed ballet, opera, museums and world travel.  
†Nov. 23, 2006

### 1937

**Richard D. Grimm**, PetE, was class president and a member of Phi Kappa Phi and earned the Book Plate Award while attending MSM-UMR. He worked at Phillips Petroleum Co. for 18 years and

Northern Natural Gas Co. for 14 years, ending as group vice president. Mr. Grimm then became president and director of Intermountain Gas Co. in Boise, Idaho. He served on many boards and was a member of the Idaho Council of Economic Education. Mr. Grimm was active in community charities and enjoyed golf, skiing, hunting and fishing.  
†Feb. 10, 2007

### 1942



**Emile O. Dahlen**, MinE, was a member of SME-AIME and the Tech Club while attending MSM-UMR. He served

in the U.S. Air National Guard for four years and worked for the American Cast Iron Pipe Corp. for more than 30 years. †Jan. 6, 2007

### 1943



**Willis M. Whitfield**, EE, was on the Honor List and earned the Phi Kappa Phi Bookplate Award while attending

MSM-UMR. He served in the U.S. Army during World War II and taught physics and math at Granite City High School in Illinois for more than 30 years. Mr. Whitfield was a member of the Bunker Hill Masonic Lodge and the American Legion. †Jan. 8, 2007

### 1948



**Charles A. Ecklund**, EE, was a member of Kappa Sigma, the St. Pat's Board and the football team while

attending MSM-UMR. He worked for Missouri Power and Light and later AmerenUE until his retirement in 1990. Mr. Ecklund was an ordained deacon for his church and was a member of

Gideons International and the Missouri Baptist Builders. He volunteered for many organizations and enjoyed woodworking, travel and playing cards. †Jan. 26, 2007

### 1949



**Charles "Roger" Knopp**, MinE, MS MinE'50, was a member of Lambda Chi Alpha and ASCE while attending MSM-

UMR. He served in the U.S. Navy during World War II and worked in mining in several locations, including Haiti, where he developed a lifelong interest in French. Mr. Knopp was later a real estate agent and broker, and remained a registered engineer. He was active in his church, a master gardener and a charter member of a tennis club, among other interests. †Jan. 20, 2007



**Glen W. Sutton**, MinE, was a member of SME-AIME and was on the Honor List while attending MSM-UMR. He

was a mining engineer for the U.S. Department of Labor until his retirement. †Aug. 22, 2006



**Carrol G. Turk**, ME, was a member of the Engineers Club, ASME, and was on the Honor List while attending MSM-

UMR. He was a veteran of World War II and a Freemason. He retired from Wallace Murray Corp. as vice president of marketing.  
†Jan. 10, 2007



## 1950



**Karl L. Kraus, ME,** was a member of the football team while attending MSM-UMR. He was vice president of Karl Kraus

Construction Co. in St. Louis until his retirement. †Nov. 26, 2006



**Robert H. Neustaedter, ME,** was a member of Lambda Chi Alpha, ASME and Theta Tau while attending MSM-

UMR. He served in the U.S. Navy during World War II and worked at Schlumberger Oil Well Surveying Corp. until his retirement. Mr. Neustaedter enjoyed golf, sailing and an active retirement. †Dec. 29, 2006



**Earl G. Reynolds, MinE,** was a member of AIME and was on the Honor List while attending MSM-UMR. He served

in the U.S. Army during World War II, taking part in The Battle of the Bulge and crossing the Rhine River. Mr. Reynolds worked for the U.S. Geological Survey for more than 30 years, retiring as chief of the field survey section in 1983. †Jan. 18, 2007



**Vernon S. Severtson, MinE,** was a member of AIME while attending MSM-UMR. He served in the U.S. Navy

during World War II and worked for the U.S. Gypsum Co. for 33 years, retiring in 1986. †Nov. 16, 2006



**Richard D. Whitney, CerE,** was co-captain and half-back on the football team and was a member

of Pi Kappa Alpha while attending MSM-UMR. He received a Bronze Star for his service in the U.S. Navy during World War II. Mr. Whitney retired from production and sales work and was a model train enthusiast. †Dec. 25, 2006

## 1951



**James D. Cooper, MinE,** was a member of SME-AIME and was on the Honor List while attending MSM-UMR. He

retired from the U.S. Bureau of Mines in Atlanta. †Jan. 5, 2007



**Herman M. Johannesmeyer, CE,** was a member of ASCE while attending MSM-UMR. He served in the U.S. Army

during World War II, worked at Black & Veatch in Kansas City, and at the General Services Administration, where he supervised the design and construction of the East Wing of the Harry S. Truman Library. After retirement, Mr. Johannesmeyer refurbished his childhood home in Freeburg, Mo., and enjoyed traveling and spending time with his 10 grandchildren. †Dec. 14, 2006



**Robert T. Means, PetE,** was a member of Sigma Nu while attending MSM-UMR. He served in the U.S. Navy during World

War II and was an avid hunter and boxer. Mr. Means worked as a marketing director in electronics and later became a minister, counseling many in Illinois and Georgia and utilizing his humor and story-telling gifts. †Jan. 15, 2007

## 1952



**Roger E. Wakefield, MetE,** was a member of the Photo Club and the Independents and received the Phi

Kappa Phi Bookplate Award while attending MSM-UMR. He retired from the Bagdad Copper Corp. and is remembered as a caring friend to many. †Feb. 4, 2007

## 1953



**Philip J. Clarke, MS GGph,** was a member of the Wesley Foundation, the Canterbury Club and Sigma Gamma

Epsilon while attending MSM-UMR. He worked in the oil and gas industry in Canada and Venezuela and was very active in his church and the YMCA, where he taught children to swim. Mr. Clarke had a variety of interests, including writing historical articles and fiction for several magazines. †Aug. 06, 2006



**Harry J. Fitzgibbon, PetE,** was a member of Phi Kappa Theta, the Army ROTC and the band while attending

MSM-UMR. He served in the U.S. Army and spent most of his career as president of Edgewater Oil Co. in Lafayette, La. Mr. Fitzgibbon retired in 2006 from the Minerals Management Service, a division of the Department of the Interior. He was a member of the Aircraft Owners and Pilots Association and the Sons of the American Revolution, and is remembered for his wicked sense of humor and zest for life. †Jan. 15, 2007

## Archie Culp

**Dr. Archie W. Culp Jr.,** professor emeritus of basic engineering at UMR, died March 31 at the age of 76.

Dr. Culp earned bachelor of science and master of science degrees from UMR, graduating second in his undergraduate class. He also earned a Ph.D. from the University of Missouri-Columbia, all in mechanical engineering. He taught for many years in the mechanical and aerospace engineering department at UMR, then moved to the basic engineering department, where he taught until his retirement in 1995.

Dr. Culp was the author of a textbook titled *Principles of Energy Conversion*, published in 1979 by McGraw-Hill.

He served as faculty advisor for Blue Key and was a member of Pi Tau Sigma, the American Nuclear Society, Sigma Xi, Tau Beta Pi, Phi Kappa Phi, Sigma Pi Sigma, Phi Theta Kappa and the Immanuel Lutheran Church in Rolla.

Dr. Culp is survived by his wife, Donna Fay; sons and daughters-in-law Craig and Penny, Brian and Marily, and Eric and Shelley; and 11 grandchildren. Memorial contributions were suggested to the Immanuel Lutheran Church in Rolla.



## John T. Smith

**John Thomas Smith**, 21, a junior in petroleum engineering, was killed in a car accident March 31. He is the son of William and Melanie Smith of Ironton, Mo.

Memorials are suggested to the J.T. Smith Scholarship Fund at Arcadia Valley High School in Ironton.

## Heidi J. Strodman

**Heidi J. Strodman**, 19, a freshman in geology and geophysics, was killed in a car accident April 21. She is the daughter of Bruce and Debra Strodman of Salisbury, Mo.

Memorial contributions are suggested to the Heidi Strodman Memorial Fund.

## 1954



**Charles A. Gudermuth**, PetE, was a member of Tau Beta Pi, Sigma Gamma Epsilon and the Engineers Club while

attending MSM-UMR. He worked for Texaco Inc., was a member of the alumni association and was active in his church.

†Dec. 30, 2006

## 1957

**Gale E. Butterfield**, MS GGph, worked in the oil industry in Canada, Texas, Nigeria and Montana. He was a lifelong member of the American Association of Petroleum Geologists and the Society of Petroleum Engineers, and is remembered for being "a most delightful, cantankerous gentleman." †Dec. 15, 2006



**James W. Kline**, ME, was a member of the Independents and the *Rollamo* board while attending MSM-UMR. He

was a veteran of the Korean War and worked at Bendix-Honeywell for 37 years, retiring in 1993.

†Jan. 8, 2007



**Chesley "Vern" Reeves**, ME, was a member of the Army ROTC and the Baptist Student Union while attending MSM-

UMR. He worked on the Skylab and Viking Lander projects at Martin Marietta in Denver, and at the Bureau of Land Management, retiring in 2000. Mr. Reeves was very active in his church and enjoyed hiking, camping, fishing, boating and sci-fi futuristic thinking. †Dec. 29, 2006

## 1958



**Donald G. Pfanstiel**, MetE, was a member of Sigma Phi Epsilon, the *Missouri Miner* staff, the St. Pat's Board and Blue

Key while attending MSM-UMR. He served in the U.S. Army and worked for Wabash Alloys for 30 years, retiring as vice-president of sales. Mr. Pfanstiel enjoyed golf and coaching youth baseball and basketball. He was active in his church and was a big St. Louis Cardinals fan. †Feb. 16, 2007

## 1959



**Amos D. Ewing**, CE, served in the U.S. Army for 28 years, receiving numerous awards and decorations, including the

Bronze Star with Oak Leaf Cluster, Purple Heart with five Oak Leaf Clusters and the Army Commendation Medal. After retiring as a lieutenant colonel, Mr. Ewing worked and traveled worldwide, was active in many organizations, and was named Kiwanian of the Year in 2002. †Dec. 20, 2006



**Robert G. Hughes**, ME, was a member of Lambda Chi Alpha, Army ROTC, choir and orchestra while attending

MSM-UMR. He began his career at Ralston-Purina in Kansas City, Mo., and started his own consulting business, New Engineering Works, in 1991. Mr. Hughes was a lifetime member of the American Society of Heating Refrigeration Air Conditioning Engineers. †Dec. 12, 2005

## 1960

**James Edwards**, NDD, was a member of Pi Kappa Alpha while attending MSM-UMR. †Dec. 02, 2006

## 1961



**Charles A. Kiefer**, CE, was a member of Chi Epsilon, Tau Beta Pi, ASCE, the Scholastic Honors Association and Phi Kappa Phi

while attending MSM-UMR. After a highly decorated career in the military, including tours of duty in Korea, Thailand and Vietnam, he worked for Bovay Engineers and the Metropolitan Transit authority in Houston. Mr. Kiefer enjoyed travel and was a dedicated volunteer with the Houston Museum of Natural Science. †Nov. 23, 2006

**Carl P. Rodolph Jr.**, CE, served in the U.S. Army during World War II as a B-29 tail gunner, receiving the Distinguished Flying Cross. After college, he rejoined the U.S. Army Corps of Engineers, earning two Silver Stars and retiring in 1980. He was director of municipal development and the aviation department for the City of Albuquerque, N.M., and was very active in the New Mexico Society of Professional Engineers, serving as chapter president, state president and director for the national society. Mr. Rodolph enjoyed skiing, handball, home building and renovation and was active in his church. †Feb. 6, 2007



**Delmer Lee Short**, ME, was a member of Sigma Phi Epsilon and Pershing Rifles while attending MSM-UMR. He

retired in 1997 after 30 years with Bell Helicopter as an aeronautical engineer and manager. He was active in his church and is remembered for his sense of



humor, compassion, love of being Polish, and intense devotion to faith and family. †Jan. 15, 2007

## 1964

**Kenneth B. Delmain**, ME, was a member of Sigma Phi Epsilon, Blue Key, Glee Club and the St. Pat's Board while attending MSM-UMR. He moved to Colorado and began the company Tech Reps. He later started FM Systems, where he designed, built and sold incineration equipment. Mr. Delmain was passionate about life and enjoyed hobbies and sports of all kinds. †Sept. 4, 2006



**James M. Pappas**, PetE, was a member of the band, Tau Beta Pi, the Independents, Pershing Rifles, Army ROTC and

the Scholastic Honors Association while attending MSM-UMR. He worked as a water quality and wastewater treatment engineer for the Environmental Protection Agency in Chicago, and in sanitary districts in Illinois and sewer departments in South Carolina and Miami. Mr. Pappas was a consultant prior to his retirement in 2004 and enjoyed music, landscaping, canoeing and serving in his church. †Dec. 27, 2006

## 1965



**Melvin Picker**, CE, MS CE'69, was a member of Chi Epsilon, Tau Beta Pi, Army ROTC, the Independents, ASCE and Phi

Kappa Phi while attending MSM-UMR. He served in the U.S. Army and retired after 28 years with Olin Brass in East Alton, Ill. Mr. Picker was vice chairman of the board of directors for the Olin Community Credit Union and served two terms as chair of the Council of Owners and Construction Associates. †Nov. 24, 2006

## 1971

**Clifton D. Spence**, MS ME, worked for The Boeing Co. †Aug. 19, 2005

## 1973

**Joseph L. Rooks**, MS Math, was a member of Phi Kappa Phi while attending MSM-UMR. He retired from the U.S. Air Force in 1980 after serving for 20 years. Mr. Rooks taught high school math and was an avid golfer prior to the onset of ALS. The joy of his life was his family. †Feb. 12, 2007

## 1974

**Donald E. Hall**, CSci, was a member of Phi Kappa Phi and the Wesley Foundation while attending MSM-UMR. He was director of information services for Data-Tronics and served on the board of directors of Bost Inc. Mr. Hall was active in his church, his Masonic Lodge and in many other organizations. †Jan. 26, 2007

## 1976

**Duane L. Parrish**, EMgt, was a member of Sigma Nu, the Student Council and the Student Union Board while attending MSM-UMR. He worked at Killark Electric in St. Louis and is remembered for his laughter, love for life, and joy he brought to his family and friends. †Dec. 14, 2006

## 1980

**John R. O'Halloran**, CGph, worked for Aramco. †Sept. 22, 2006

## 1981



**Gregory T. Weeks**, GeoE, was a member of Delta Tau Delta and the Tech Engine Club while attending MSM-UMR. He

founded Namaqua Brewing Co. and opened The Depot Eatery and Pub in Loveland, Colo. In 2004, he founded Rocky Mountain Biodiesel in Berthoud, Colo., and most recently, was employed as a biodiesel engineering consultant. Mr. Weeks was a National Merit Scholar and won numerous science awards. He enjoyed golf, reading, cooking, buying cars and watching his daughters play sports. †Dec. 10, 2006

## 1982



**Michael W. Coleman**, EE, was a member of Tau Beta Pi, the Tech Engine Club and the Lutheran Student Center

while attending MSM-UMR. After working for the U.S. Department of Energy at Bendix, he pursued his dream of becoming a physician, graduating from the Kansas City University of Medicine and Biosciences in 1996. Dr. Coleman set up a family practice in Albany, Mo., where he and his family were involved in the community and youth athletics. †Feb. 17, 2007

## 2003

**Matthew Jacob Widman**, CE, was a member of Sigma Phi Epsilon and the football team while attending MSM-UMR. He worked for the State of Missouri and the Madison County, Ill., Highway Department as a field engineer. He was an avid outdoorsman who enjoyed coaching youth football, four-wheeling and riding his custom "Big Dog" chopper. †Jan. 15, 2007

# friends

**JoAnn Burgett**, wife of Max A. Burgett, CE'54, †Nov. 27, 2006

**Betty J. Curtis**, †Feb. 22, 2007

**Phil A. Delashmit Sr.**, †Feb. 21, 2007

**Mary Eileen Dobson**, wife of the late Richard J. Dobson, MinE'34, †March 30, 2006

**Nellie Fuller**, wife of the late Harold Q. Fuller, dean emeritus of the College of Arts and Sciences, †Feb. 21, 2007

**Erma Kinsley**, †Dec. 22, 2006

**Brenda Lyon**, †Feb. 10, 2007

**Bruce Miner**, †Sept. 25, 2006

**Sammie Palmer**, wife of the late Clarence C. Palmer, CE'40, †Oct. 11, 2006

**Raymond L. Pendergrass**, former history and political science instructor and former director of student financial aid at UMR, †Jan. 23, 2007

**Dorothy K. Randol**, †Sept. 7, 2006

**Harriet Shipman**, wife of Charles S. Shipman, EMgt'70, †Aug. 30, 2006

**Paula Stegemeier**, wife of George L. Stegemeier, PetE'52, †Jan. 9, 2007

**Jean Walker**, former UMR English instructor, †January 2007

**Edith Wilson**, wife of the late Frederick G. Wilson, EE'32, †December 2005

**William Yowell**, †Jan. 11, 2007



# Alumni Association Name Change Survey

## Your input is needed on alumni association name

In October, the MSM-UMR Alumni Association Board of Directors will vote to change the association's name to coincide with the university's change from UMR to Missouri University of Science and Technology, or Missouri S&T, on Jan. 1, 2008. Board members want to hear your thoughts on possible new names.

**Let us know your thoughts by filling out this survey.**

### Name Change Opinion

In your opinion, which would be the best name for *your* alumni association?

☐ Miner Alumni Association

☐ Missouri S&T Alumni Association

☐ MSM-UMR-Missouri S&T Alumni Association

☐ Silver & Gold Alumni Association

☐ Other? \_\_\_\_\_

Comments: \_\_\_\_\_

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Submit your comments to:  
MSM-UMR Alumni Association  
115 Castleman Hall  
Rolla, MO 65409-0650

Or email them to [alumni@umr.edu](mailto:alumni@umr.edu). | Or fax them to 573-341-4706

**For more information, call 800-JoMiner**



# Stephen & Susan Rector

DONOR PROFILE

“Enjoy the journey.”

– Stephen W. Rector



photo by Susan English

From an early age, **Stephen W. Rector**, PetE'72, MS PetE'73, knew the value of education, though he was uncertain what path he would take.

“I wasn't sure what I wanted to be, but I knew what I didn't want to be,” Rector says. “I grew up on the working end of a shovel. My mother and father owned a greenhouse and nursery in Lebanon, Mo. From an early age I worked in the nursery, before and after school, weekends and summers. It was back-breaking work that never seemed to end, and a powerful motivator for me to get a good education.”

Being an engineer is what Rector does best and he enjoys doing it, but he didn't set out to become a petroleum engineer. At first, it was all about finding a means of financial support. Interested in UMR's programs, Rector called on his brother who was a UMR civil engineering student at the time. “I asked him what department had the most money for scholarships,” Rector remembers. “He said

‘that's easy, petroleum engineering.’ I didn't know a thing about petroleum engineering but it sounded interesting.” It happened, he says, “almost by accident.”

That accident turned into a lucrative lifelong career that would take him far from the small-town comforts of southern Missouri. Semi-retired, Rector is currently president and co-founder of RIM Operating Inc. in Englewood, Colo., producing oil and gas properties in Montana, Wyoming, Utah, Arizona, Colorado and Texas.

From his early beginning at Shell Oil, Rector has been a co-founder, president, and chairman of nine separate companies in the oil and gas business, traveling all across the western United States.

With a \$1 million gift, Rector and his wife, **Susan**, are providing scholarships to petroleum engineering and geological engineering students. The decision to endow a scholarship is a testament to the life and career Rector has

enjoyed, in large part, because he was also a UMR scholarship recipient. “That scholarship sent me down a path that I have enjoyed for more than 30 years, one that I have never regretted.”

Rector's wife agreed with the decision.

“Susie has always had a passion for learning and has been a proponent of education at every level,” Rector says. “She also preferred to fund scholarships because of the opportunity to make a difference in a student's life, and perhaps a difference in the world, with education.”

According to Rector, enjoying what you do is the most important thing in life, and that is the advice he would give to future engineers. “Enjoy the journey. A career is a big part of life's journey and if you don't enjoy what you are doing you will be disappointed with the outcome.”



# A century of the best ever

Mark your calendar NOW and  
make plans to attend the

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**March 14-15, 2008**

**What is your favorite St. Pat's memory?**

The Winter 2007 issue of the *UMR Magazine* will be a special commemorative issue honoring the 100th anniversary of UMR's Best Ever. Sure, we'll include the facts about the celebration's history, but we want to include your stories and photos, too. Send your stories and photos to Office of Public Relations, 105 Campus Support Facility, Rolla, MO 65409-0220 or email them to [bestever@umr.edu](mailto:bestever@umr.edu). Let us know if you would prefer we not include your name with the story. Help us make this issue the Best Ever.